

# Microsoft.AI-102.v2024-03-02.q158

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## NEW QUESTION: 1

You have a bot that was built by using the Microsoft Bot Framework composer as shown in the following exhibit.



Use the drop-down menus 10 select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.



Answer:



### NEW QUESTION: 2

You have a web app that uses Azure Cognitive Search.

When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.

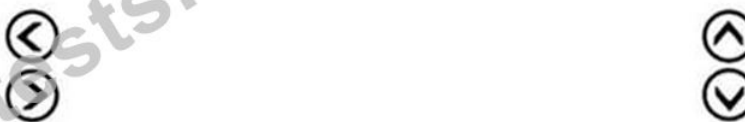
You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

#### Actions

- Add a new query key.
- Regenerate the secondary admin key.
- Change the app to use the secondary admin key.
- Change the app to use the new key.
- Regenerate the primary admin key.
- Delete the compromised key.

#### Answer Area

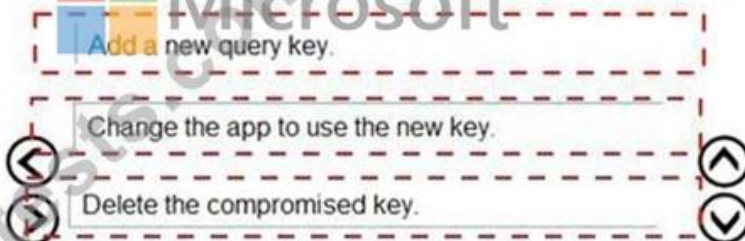


#### Answer:

##### Actions

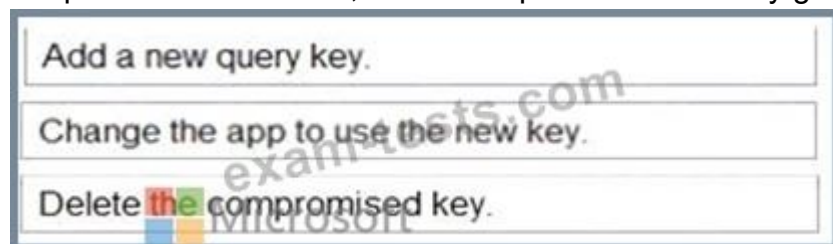
- Add a new query key.
- Regenerate the secondary admin key.
- Change the app to use the secondary admin key.
- Change the app to use the new key.
- Regenerate the primary admin key.
- Delete the compromised key.

##### Answer Area



#### Explanation

Graphical user interface, text Description automatically generated



#### Reference:

<https://docs.microsoft.com/en-us/azure/search/search-security-api-keys>

### NEW QUESTION: 3

You develop a test method to verify the results retrieved from a call to the Computer Vision API. The call is used to analyze the existence of company logos in images. The call returns a collection of brands named brands. You have the following code segment.

```
foreach (var brand in brands)
{
    if (brand.Confidence >= .75)
        Console.WriteLine($"Logo of {brand.Name} between {brand.Rectangle.X},
{brand.Rectangle.Y} and {brand.Rectangle.W}, {brand.Rectangle.H}");
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	<input type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	<input checked="" type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input checked="" type="radio"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-detecting-faces>

#### NEW QUESTION: 4

You are building a solution that will detect anomalies in sensor data from the previous 24 hours. You need to ensure that the solution scans the entire dataset, at the same time, for anomalies. Which type of detection should you use?

- A. batch
- B. streaming
- C. change point

**Answer: A (LEAVE A REPLY)**

Explanation

Batch anomaly detection is a type of anomaly detection that scans the entire dataset at once for outliers and unusual patterns. Batch anomaly detection is suitable for offline analysis of historical data, such as sensor data from the previous 24 hours. Batch anomaly detection can use various techniques, such as statistical methods, machine learning methods, or hybrid methods, to identify anomalies in the data<sup>123</sup>.

**NEW QUESTION: 5**

You have an Azure Cognitive Search instance that indexes purchase orders by using Form Recognizer. You need to analyze the extracted information by using Microsoft Power BI. The solution must minimize development effort. What should you add to the indexer?

- A. an object projection
- B. a projection group
- C. a file projection
- D. a table projection

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 6**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based analytics platform.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
Azure Databricks is an Apache Spark-based analytics platform.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION: 7**

You are developing the document processing workflow.

You need to identify which API endpoints to use to extract text from the financial documents. The solution must meet the document processing requirements.

Which two API endpoints should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. /vision/v3.2/read/analyzeResults
- B. /formrecognizer/v2.0/prebuilt/receipt/analyze
- C. /vision/v3.2/read/analyze
- D. /vision/v3.2/describe

E. /formercognizer/v2.0/custom/models{modelId}/ analyze

**Answer: B,C (LEAVE A REPLY)**

C: Analyze Receipt - Get Analyze Receipt Result.

Query the status and retrieve the result of an Analyze Receipt operation.

Request URL: Error! Hyperlink reference not valid.

E: POST {Endpoint}/vision/v3.2/read/analyze

Use this interface to get the result of a Read operation, employing the state-of-the-art Optical Character Recognition (OCR) algorithms optimized for text-heavy documents.

Scenario: Contoso plans to develop a document processing workflow to extract information automatically from PDFs and images of financial documents. The document processing solution must be able to process standardized financial documents that have the following characteristics:

- Contain fewer than 20 pages.
- Be formatted as PDF or JPEG files.
- Have a distinct standard for each office.

\*The document processing solution must be able to extract tables and text from the financial documents.

The document processing solution must be able to extract information from receipt images.

Reference:

<https://westus2.dev.cognitive.microsoft.com/docs/services/form-recognizer-api-v2-preview/operations/GetAnalyzeReceiptResult>

<https://docs.microsoft.com/en-us/rest/api/computervision/3.1/read/read>

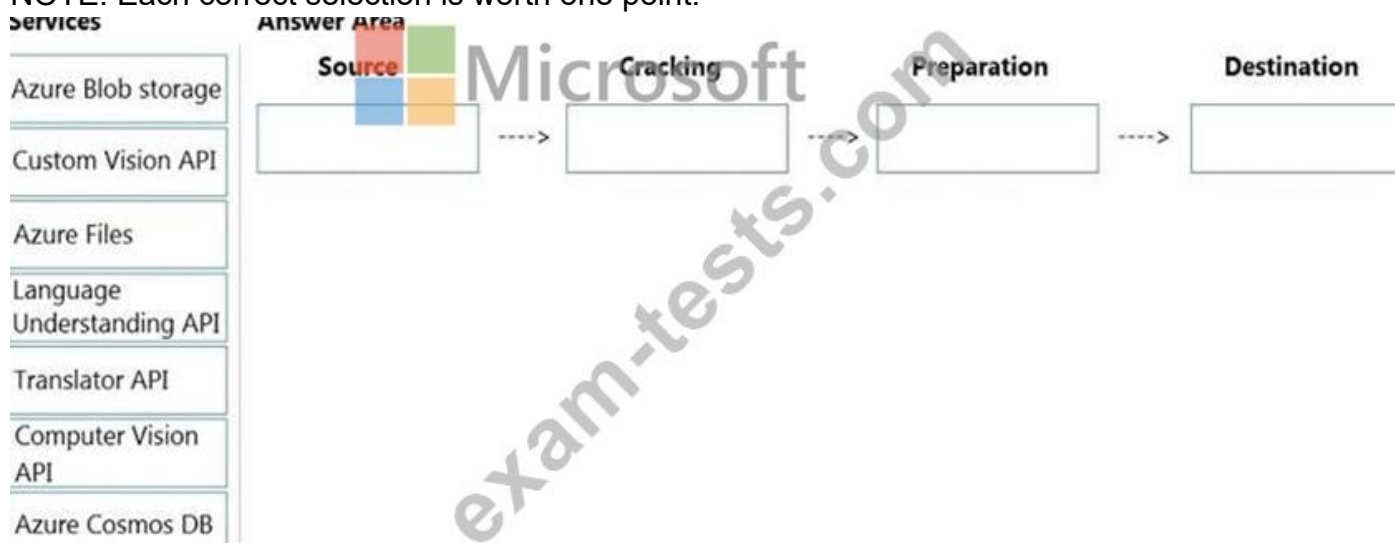
### NEW QUESTION: 8

You are developing the smart e-commerce project.

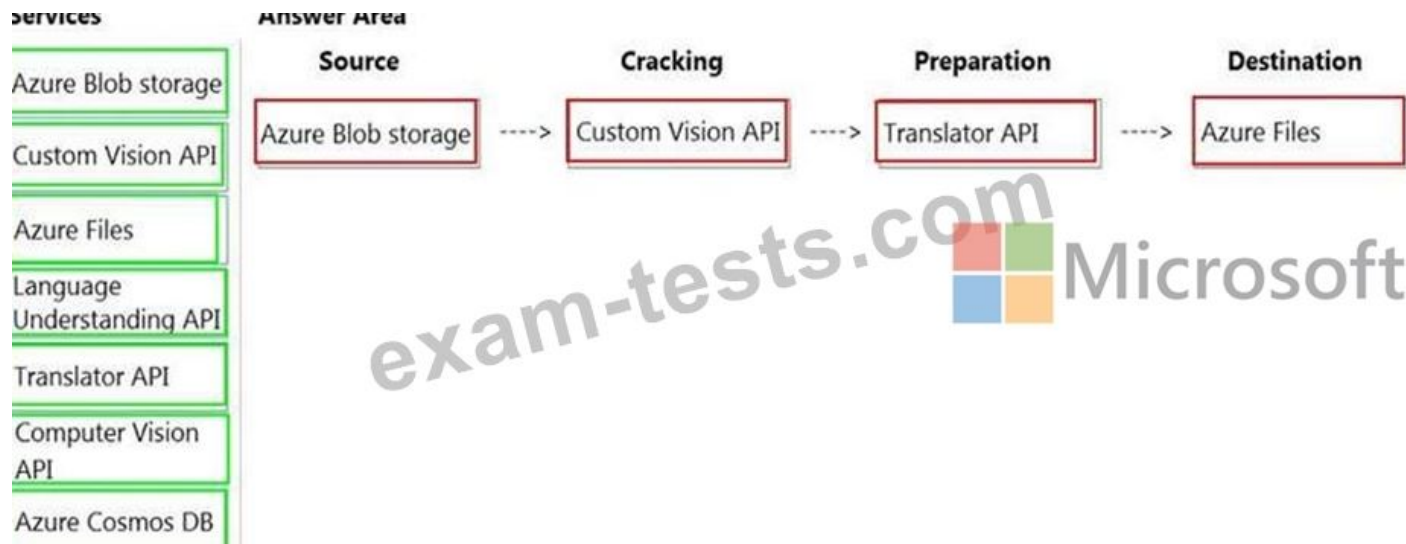
You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



**Answer:**



Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-concept-intro>

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr>

### NEW QUESTION: 9

Select the answer that correctly completes the sentence.

**Answer Area**

A relational database is appropriate for scenarios that involve a high volume of

- changes to relationships between entities.
- geographically distributed writes.
- transactional writes.
- writes that have varying data structures.

**Answer:**

**Answer Area**

A relational database is appropriate for scenarios that involve a high volume of

- changes to relationships between entities.
- geographically distributed writes.
- transactional writes.
- writes that have varying data structures.

**Explanation**

**Answer Area**

A relational database is appropriate for scenarios that involve a high volume of

### NEW QUESTION: 10

You plan to deploy a containerized version of an Azure Cognitive Services service that will be used for text analysis. You configure <https://contoso.cognitiveservices.azure.com> as the endpoint URI for the service, and you pull the latest version of the Text Analytics Sentiment Analysis container.

You need to run the container on an Azure virtual machine by using Docker.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

Eula=accept \
Billing=
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

ApiKey=xxxxxxxxxxxxxxxxxxxxxx
```

**Answer:**

```
docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

Eula=accept \
Billing=
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

ApiKey=xxxxxxxxxxxxxxxxxxxxxx
```

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-to/text-analytics-how-to-install-containers?tabs=sentiment>

**NEW QUESTION: 11**

You are building a chatbot.

You need to use the Content Moderator service to identify messages that contain sexually explicit language.

Which section in the response from the service will contain the category score, and which category will be assigned to the message? To answer, select the appropriate options in the answer area, NOTE: Each correct selection is worth one point.

Answer Area

Section: 

- Classification
- pii
- Terms

Category: 

- 1
- 2
- 3

**Answer:**



Explanation



### NEW QUESTION: 12

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a chatbot that uses question answering in Azure Cognitive Service for Language.

Users report that the responses of the chatbot lack formality when answering random questions that are outside the scope of the knowledge base.

You need to ensure that the chatbot provides formal responses to these spurious questions.

Solution: From Language Studio, you modify the question and answer pairs for the custom intents, and then retrain and republish the model.

Does this meet the goal?

A. No

B. Yes

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 13

You have an app that analyzes images by using the Computer Vision API.

You need to configure the app to provide an output for users who are vision impaired. The solution must provide the output in complete sentences.

Which API call should you perform?

A. `describeImageInStreamAsync`

B. `analyzeImageByDomainInStreamAsync`

C. togfiagelnStreaaAsync

D. readInStreamAsync

Answer: B ([LEAVE A REPLY](#))

### NEW QUESTION: 14

You have a chatbot that uses a QnA Maker application.


You enable active learning for the knowledge base used by the QnA Maker application.

You need to integrate user input into the model.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Add a task to the Azure resource.	
Approve and reject suggestions.	
Publish the knowledge base.	
Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.	
For the knowledge base, select Show active learning suggestions.	
Save and train the knowledge base.	
Select the properties of the Azure Cognitive Services resource.	

Navigation icons: left arrow, right arrow, up arrow, down arrow.



Answer:

Answer Area
For the knowledge base, select Show active learning suggestions.
Approve and reject suggestions.
Save and train the knowledge base.
Publish the knowledge base.

- 1 - For the knowledge base, select Show active learning suggestions.
- 2 - Approve and reject suggestions.
- 3 - Save and train the knowledge base.
- 4 - Publish the knowledge base.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/improve-knowledge-base>

#### **NEW QUESTION: 15**

You need to create a new resource that will be used to perform sentiment analysis and optical character recognition (OCR). The solution must meet the following requirements:

Use a single key and endpoint to access multiple services.

Consolidate billing for future services that you might use.

Support the use of Computer Vision in the future.

How should you complete the HTTP request to create the new resource? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

▼	https://management.azure.com/subscriptions/xxxxxxx-xxxx-
PATCH	
POST	
PUT	

xxxx-xxxx-  
xxxxxxxxxxxxx/resourceGroups/RG1/providers/Microsoft.CognitiveServices/  
accounts/CS1?api-version=2017-04-18

```
{  
  "location": "West US",  
  "kind": "

|                   |   |
|-------------------|---|
| ▼                 | " |
| CognitiveServices |   |
| ComputerVision    |   |
| TextAnalytics     |   |

",  
  "sku": {  
    "name": "S0"  
  },  
  "properties": {},  
  "identity": {  
    "type": "SystemAssigned"  
  }  
}
```

**Answer:**

**Answer Area**

Microsoft

https://management.azure.com/subscriptions/xxxxxxx-xxxx-

PATCH  
POST  
**PUT**

xxxx-xxxx-  
xxxxxxxxxxxxx/resourceGroups/RG1/providers/Microsoft.CognitiveServices/  
accounts/CS1?api-version=2017-04-18

```
{
  "location": "West US",
  "kind": "
  CognitiveServices
  ComputerVision
  TextAnalytics
"
  "sku": {
    "name": "S0"
  },
  "properties": {},
  "identity": {
    "type": "SystemAssigned"
  }
}
```

Reference:

<https://docs.microsoft.com/en-us/rest/api/deviceupdate/resourcemanager/accounts/create>

<https://www.analyticsvidhya.com/blog/2020/12/microsoft-azure-cognitive-services-api-for-ai-development/>

**NEW QUESTION: 16**

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named `get_text_to_be_translated`. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.

You need to develop code to translate the text to a single language.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
...
api_key = "FF956C68883821838691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httpLib.HTTPSConnection
conn.request("POST",
response = conn.getResponse()
    conn.request("POST",
response = conn.getResponse()
response_data = response.r
...

```



Answer:

NEWEST QUESTION

```
...
api_key = "FF956C68883821838691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httpLib.HTTPSConnection
conn.request("POST",
response = conn.getResponse()
    conn.request("POST",
response = conn.getResponse()
response_data = response.r
...

```



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NEW QUESTION: 17

You have a Custom Vision resource named acvdev in a development environment.

You have a Custom Vision resource named acvprod in a production environment.

In acvdev, you build an object detection model named obj1 in a project named proj1.

You need to move obj1 to acvprod.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**



- Use the ExportProject endpoint on acvdev.
- Use the GetProjects endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.
- Use the ExportIteration endpoint on acvdev.
- Use the GetIterations endpoint on acvdev.
- Use the UpdateProject endpoint on acvprod.

**Answer Area**



**Answer:**

**Actions**

- Use the ExportProject endpoint on acvdev.
- Use the GetProjects endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.
- Use the ExportIteration endpoint on acvdev.
- Use the GetIterations endpoint on acvdev.
- Use the UpdateProject endpoint on acvprod.

**Answer Area**

- Use the GetProjects endpoint on acvdev.
- Use the ExportProject endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.

**Explanation**

- Use the GetProjects endpoint on acvdev.
- Use the ExportProject endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.

Text Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-tutorial-pattern#what-did-this-tutorial-accomp>

**NEW QUESTION: 18**

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

**Workload Types**

Batch

Streaming

**Answer Area**

Workload type	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Workload type	Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.
Workload type	Updates to inventory data will be loaded to a data warehouse every 1 million transactions.

**Answer:**

**Workload Types**

Batch

Streaming

**Answer Area**

Batch	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Streaming	Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.
Batch	Updates to inventory data will be loaded to a data warehouse every 1 million transactions.

**Explanation**

**Answer Area**

Batch	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Streaming	Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.
Batch	Updates to inventory data will be loaded to a data warehouse every 1 million transactions.



**NEW QUESTION: 19**

You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint.

The application has the following code.

```
static async void AddFace(string subscription_key, string personGroupId, string personId, string imageURI)
{
    var client = new HttpClient();
    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", subscription_key);
    var endpointURI = $"https://westus.api.cognitive.microsoft.com/face/v1.0/persongroups/{personGroupId}/persons/{personId}/persistedFaces";
    HttpResponseMessage response;
    var body = "{ \"url\": \"\" + imageURI + \"\"}";
    var content = new StringContent(body, encoding.UTF8, "application/json");
    var response = await client.PutAsync(endpointURI, content);
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input checked="" type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input checked="" type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION: 20

What is a characteristic of a non-relational database?

- A. self describing entities
- B. full support for Transact-SQL
- C. a fixed schema

**Answer: A ([LEAVE A REPLY](#))**

### NEW QUESTION: 21

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.

You need to add the new images to the classifier.

Solution: You add the new images, and then use the Smart Labeler tool.

Does this meet the goal?

- A. Yes
- B. No

**Answer: ([SHOW ANSWER](#))**

Explanation

The model need to be extended and retrained.

Note: Smart Labeler to generate suggested tags for images. This lets you label a large number of images more quickly when training a Custom Vision model.

### NEW QUESTION: 22

You need to develop code to upload images for the product creation project. The solution must meet the accessibility requirements.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```

public static async Task<string> SuggestAltText(ComputerVisionClient client,
{
    List<VisualFeatureTypes?> features = new List<VisualFeatureTypes?>()
    {
        VisualFeatureTypes.Description
        VisualFeatureTypes.ImageType
        VisualFeatureTypes.Objects
        VisualFeatureTypes.Tags
    };
    ImageAnalysis results = await client.AnalyzeImageAsync(image, features);

    var c = results.Brands.DetectedBrands[0]
    var c = results.Description.Captions[0]
    var c = results.Metadata[0]
    var c = results.Objects[0]

    if(c.Confidence>0.5) return(c.Text);
}

```

**Answer:**

```

public static async Task<string> SuggestAltText(ComputerVisionClient client,
{
    List<VisualFeatureTypes?> features = new List<VisualFeatureTypes?>()
    {
        VisualFeatureTypes.Description
        VisualFeatureTypes.ImageType
        VisualFeatureTypes.Objects
        VisualFeatureTypes.Tags
    };
    ImageAnalysis results = await client.AnalyzeImageAsync(image, features);

    var c = results.Brands.DetectedBrands[0]
    var c = results.Description.Captions[0]
    var c = results.Metadata[0]
    var c = results.Objects[0]

    if(c.Confidence>0.5) return(c.Text);
}

```

Reference:

<https://github.com/Azure-Samples/cognitive-services-dotnet-sdk-samples/blob/master/documentation-samples/quickstarts/ComputerVision/Program.cs>

**NEW QUESTION: 23**

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named `get_text_to_be_translated`. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography. You need to develop code to translate the text to a single language.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```

...
api_key = "FF956C68B83821B38691ABD20AA4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httplib.HTTPSConnection
conn.request("POST",
response = conn.getresponse()
conn.request("POST",
response = conn.getresponse()
response_data = response.r
...

```

Answer:

Answer Area

```

...
api_key = "FF956C68B83821B38691ABD20AA4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httplib.HTTPSConnection
conn.request("POST",
response = conn.getresponse()
conn.request("POST",
response = conn.getresponse()
response_data = response.r
...

```

### NEW QUESTION: 24

You need to develop an automated call handling system that can respond to callers in their own language. The system will support only French and English.

Which Azure Cognitive Services service should you use to meet each requirement? To answer, drag the appropriate services to the correct requirements. Each service may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

## Services



## Answer Area

Microsoft

Speaker Recognition

Speech to Text

Text Analytics

Text to Speech

Translator

Detect the incoming language:

Respond in the callers' own language:

Answer:

The screenshot shows the 'Services' pane on the left and the 'Answer Area' on the right. In the 'Services' pane, the following services are highlighted with green borders: Speaker Recognition, Speech to Text, Text Analytics, Text to Speech, and Translator. In the 'Answer Area', the text 'Detect the incoming language:' is followed by a box containing 'Text Analytics'. Below that, the text 'Respond in the callers' own language:' is followed by a box containing 'Translator'.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-language-detection>

<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/translator-overview>

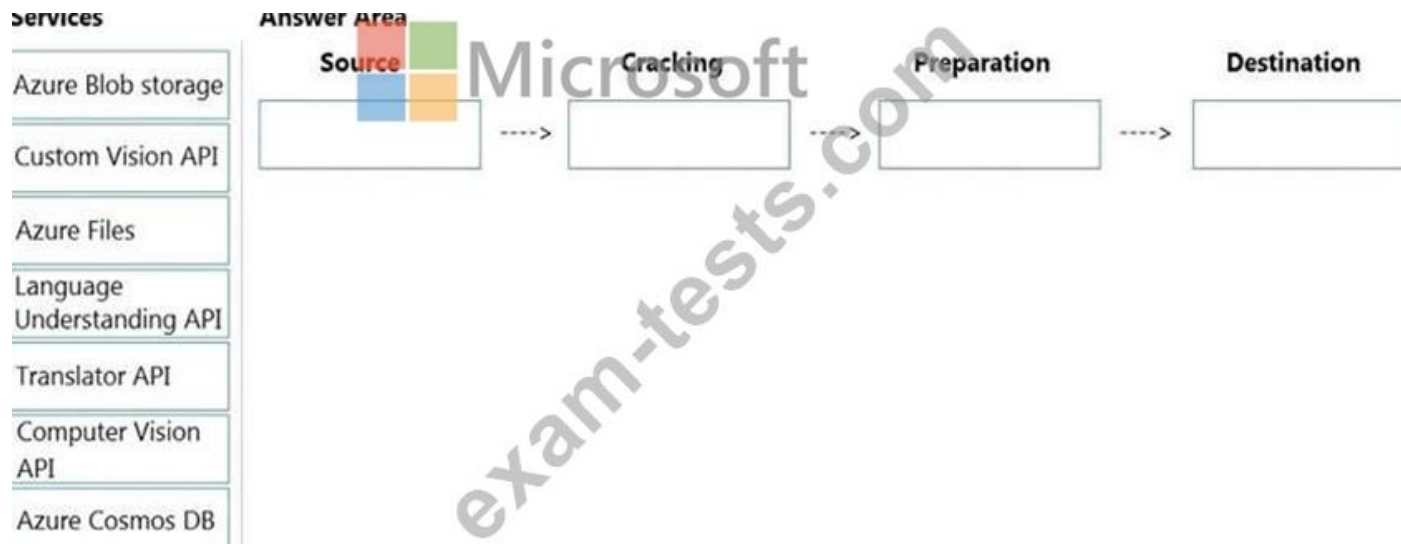
### NEW QUESTION: 25

You are developing the smart e-commerce project.

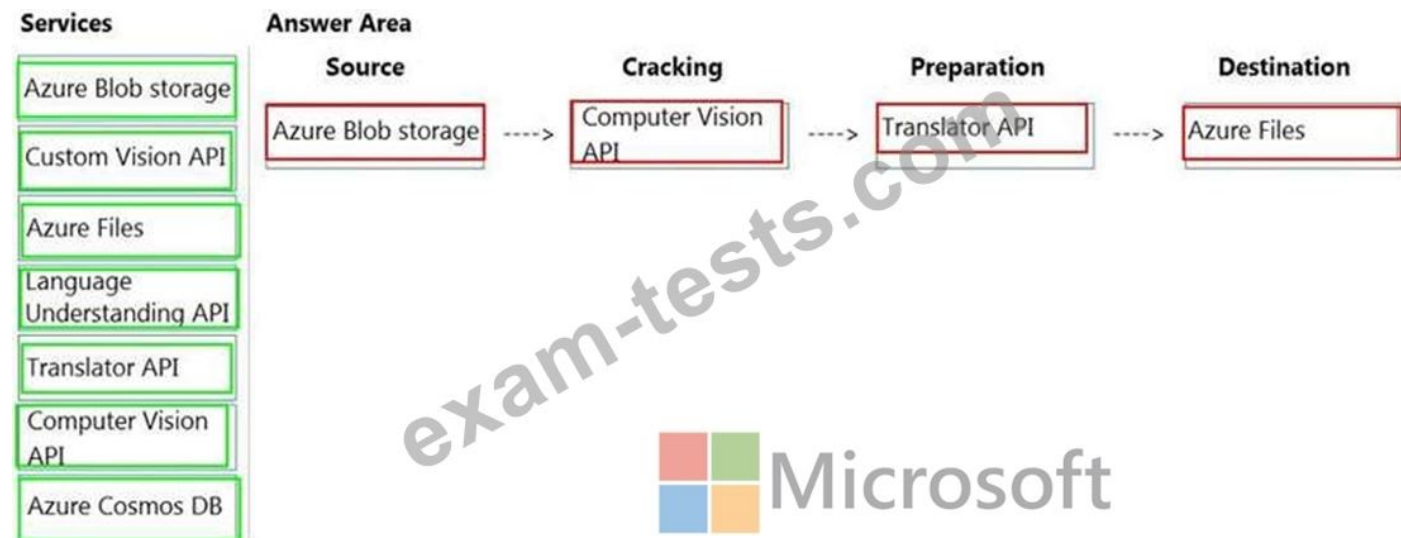
You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



**Answer:**



Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-concept-intro>

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr>

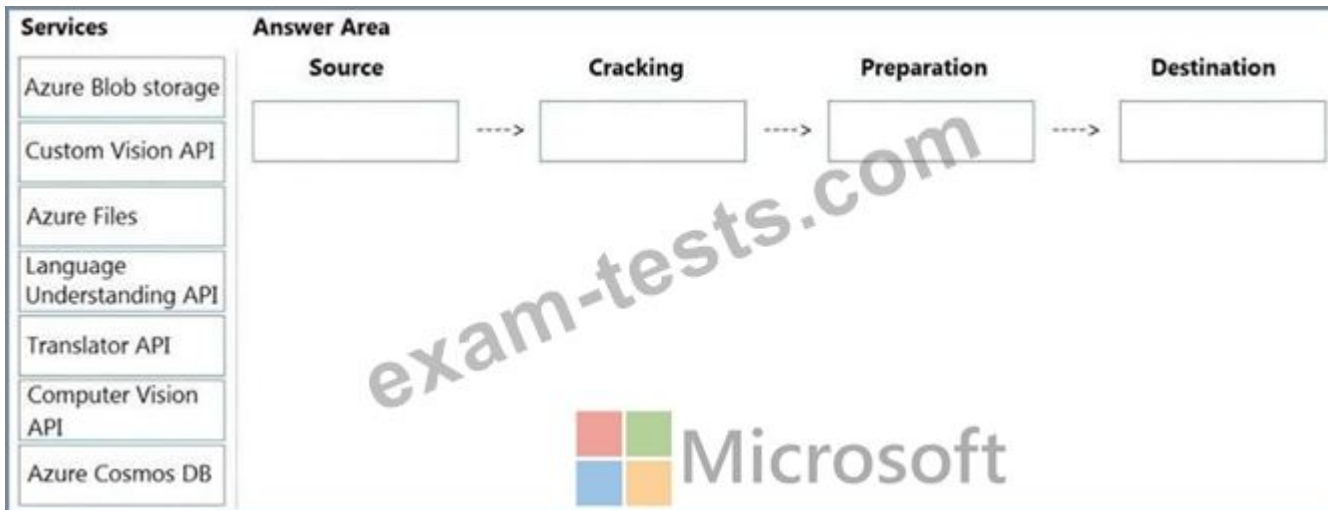
**NEW QUESTION: 26**

You are developing the smart e-commerce project.

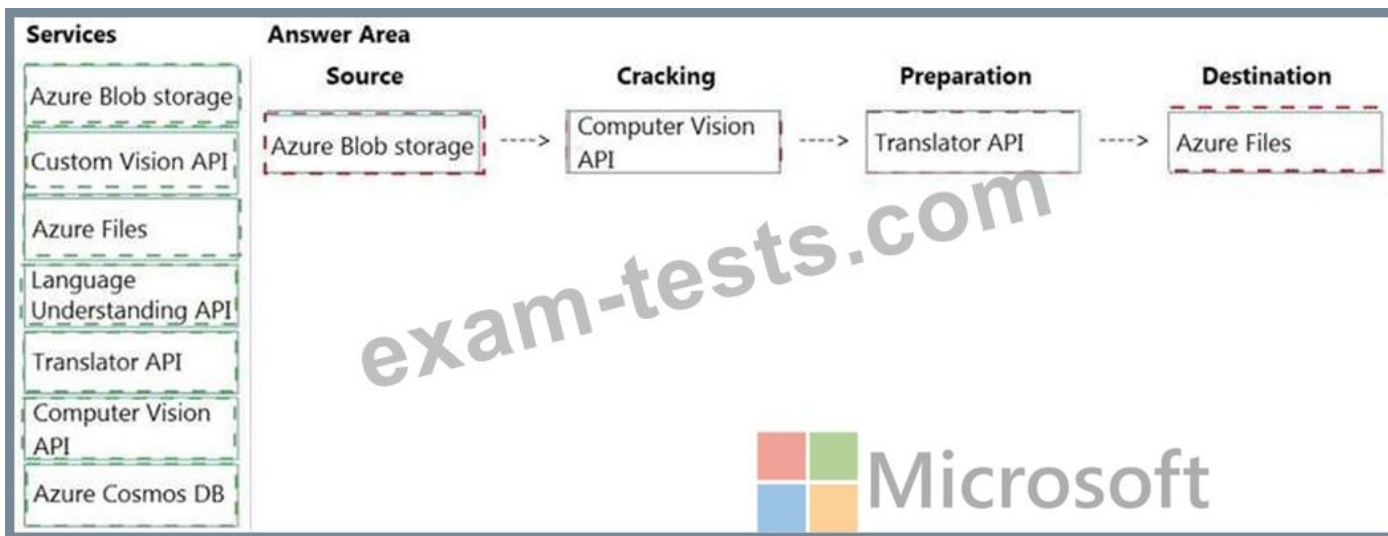
You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



**Answer:**



**Explanation**



**Box 1: Azure Blob storage**

At the start of the pipeline, you have unstructured text or non-text content (such as images, scanned documents, or JPEG files). Data must exist in an Azure data storage service that can be accessed by an indexer.

**Box 2: Computer Vision API**

Scenario: Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

The Computer Vision Read API is Azure's latest OCR technology (learn what's new) that extracts printed text (in several languages), handwritten text (English only), digits, and currency symbols from images and multi-page PDF documents.

**Box 3: Translator API**

Scenario: Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

**Box 4: Azure Files**

Scenario: Store all raw insight data that was generated, so the data can be processed later.

Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-concept-intro>

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr>

## Topic 2, Contoso, Ltd. Case Study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

### General Overview

Contoso, Ltd. is an international accounting company that has offices in France, Portugal, and the United Kingdom. Contoso has a professional services department that contains the

Name	Position	Office
Accountant	Manager	United Kingdom, France, Portugal
Accountant	Consultant	United Kingdom, France, Portugal
Customer Service	Manager	United Kingdom
Customer Service	Agent	United Kingdom
Bookkeeper	Manager	United Kingdom, France, Portugal
Bookkeeper	Consultant	United Kingdom, France, Portugal

### Infrastructure

Contoso has the following subscriptions:

- \* Azure
- \* Microsoft 365
- \* Microsoft Dynamics 365

Azure Active (Azure AD) Directory

Contoso has Azure Active Directory groups for securing role-based access. The company uses the following group naming conventions:

- \* |CountryJ-[Level]-[Role]
- \* [Level]-[Role]

### Intellectual Property

Contoso has the intellectual property shown in the following table.

Content	Format	Language	Content store	Domain
Weekly webinars	Video	English	Azure Blob storage	Vid.contoso.com
Blogs	Text	English, French, Portuguese	WordPress	Pt-blog.contoso.com Blog.contoso.com Fr-blog.contoso.com
Wikis	Text	English, French, Portuguese	Azure Cosmos DB	Internal.contoso.com/wiki
Monthly conference recordings	Video	English	SharePoint Online	Contoso.sharepoint.com
Frequently asked questions (FAQs)	Text	English	SharePoint Online	Contoso.sharepoint.com

Text-based content is provided only in one language and is not translated.

#### Planned Projects

Contoso plans to develop the following:

- \* A document processing workflow to extract information automatically from PDFs and images of financial documents
- \* A customer-support chatbot that will answer questions by using FAQs
- \* A searchable knowledgebase of all the intellectual property

#### Technical Requirements

Contoso identifies the following technical requirements:

- \* All content must be approved before being published.
- \* All planned projects must support English, French, and Portuguese.
- \* All content must be secured by using role-based access control (RBAC).
- \* RBAC role assignments must use the principle of least privilege.
- \* RBAC roles must be assigned only to Azure Active Directory groups.
- \* AI solution responses must have a confidence score that is equal to or greater than 70 percent.
- \* When the response confidence score of an AI response is lower than 70 percent, the response must be improved by human input.

#### Chatbot Requirements

Contoso identifies the following requirements for the chatbot:

- \* Provide customers with answers to the FAQs.
- \* Ensure that the customers can chat to a customer service agent.
- \* Ensure that the members of a group named Management-Accountants can approve the FAQs.
- \* Ensure that the members of a group named Consultant-Accountants can create and amend the FAQs.
- \* Ensure that the members of a group named the Agent-CustomerServices can browse the FAQs.
- \* Ensure that access to the customer service agents is managed by using Omnichannel for Customer Service.
- \* When the response confidence score is low, ensure that the chatbot can provide other response options to the customers.

## Document Processing Requirements

Contoso identifies the following requirements for document processing:

- \* The document processing solution must be able to process standardized financial documents that have the following characteristics:
  - \* Contain fewer than 20 pages.
  - \* Be formatted as PDF or JPEG files.
  - \* Have a distinct standard for each office.
- \* The document processing solution must be able to extract tables and text from the financial documents.
- \* The document processing solution must be able to extract information from receipt images.
- \* Members of a group named Management-Bookkeeper must define how to extract tables from the financial documents.
- \* Members of a group named Consultant-Bookkeeper must be able to process the financial documents.

## Knowledgebase Requirements

Contoso identifies the following requirements for the knowledgebase:

- \* Supports searches for equivalent terms
- \* Can transcribe jargon with high accuracy
- \* Can search content in different formats, including video
- \* Provides relevant links to external resources for further research

## **NEW QUESTION: 27**

You are building a model that will be used in an iOS app.

You have images of cats and dogs. Each image contains either a cat or a dog.

You need to use the Custom Vision service to detect whether the images is of a cat or a dog.


How should you configure the project in the Custom Vision portal? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

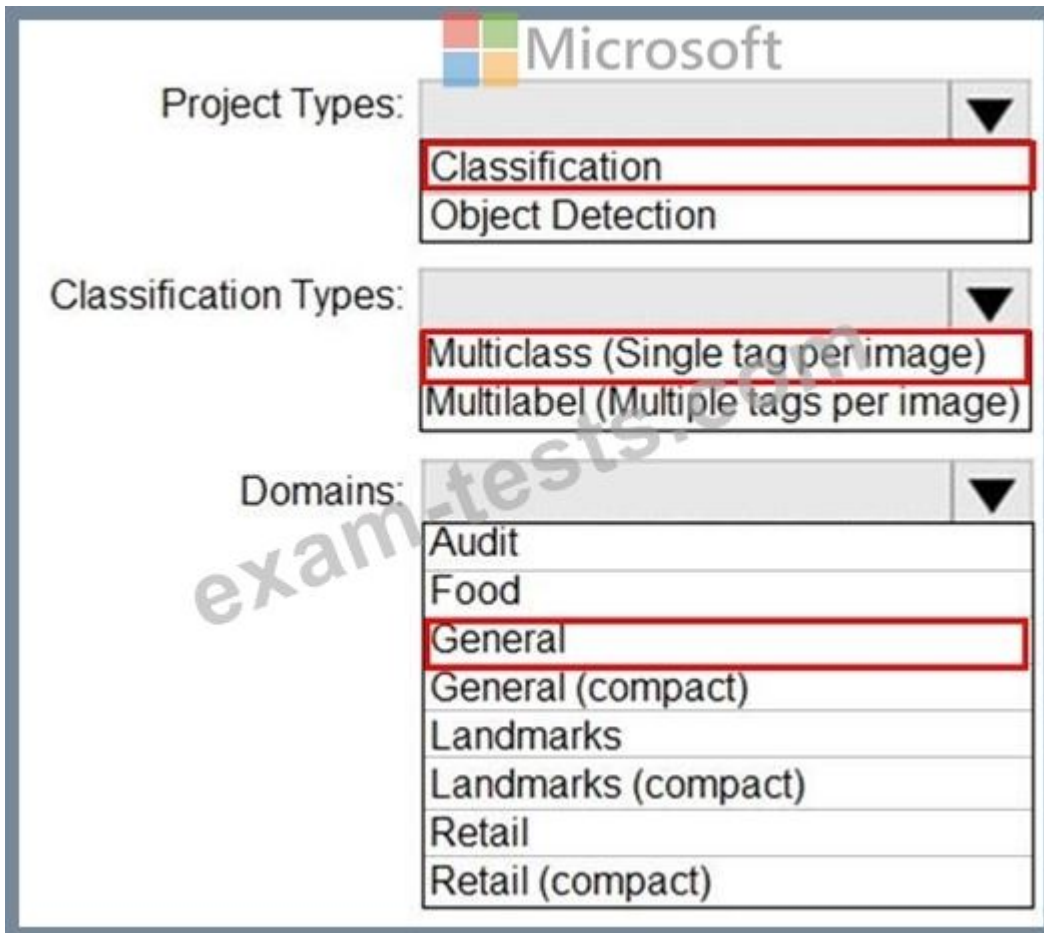
Project Types:  ▼  
Classification  
Object Detection

Classification Types:  ▼  
Multiclass (Single tag per image)  
Multilabel (Multiple tags per image)

Domains:  ▼  
Audit  
Food  
General  
General (compact)  
Landmarks  
Landmarks (compact)  
Retail  
Retail (compact)



Answer:



Project Types:  ▼  
Classification  
Object Detection

Classification Types:  ▼  
Multiclass (Single tag per image)  
Multilabel (Multiple tags per image)

Domains:  ▼  
Audit  
Food  
General  
General (compact)  
Landmarks  
Landmarks (compact)  
Retail  
Retail (compact)

Reference:

<https://cran.r-project.org/web/packages/AzureVision/vignettes/customvision.html>

NEW QUESTION: 28

You are building a bot and that will use Language Understanding.

You have a LUDown file that contains the following content.

```
## Confirm
- confirm
- ok
- yes

## ExtractName
- call me steve !
- i am anna
- (i'm|i am) {@PersonName.Any}[.]
- my name is {@PersonName.Any}[.]

## Logout
- forget me
- log out

## SelectItem
- choose last
- choose the {@DirectionalReference=bottom left}
- choose {@DirectionalReference=top right}
- i like {@DirectionalReference=left} one

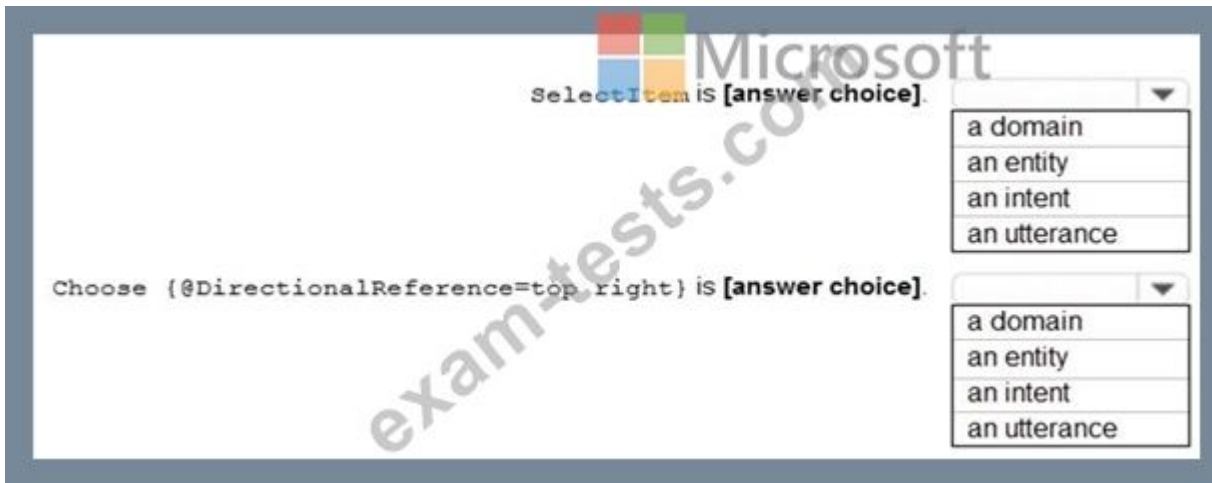
## SelectNone
- none

@ ml DirectionalReference
@ prebuilt personName
```

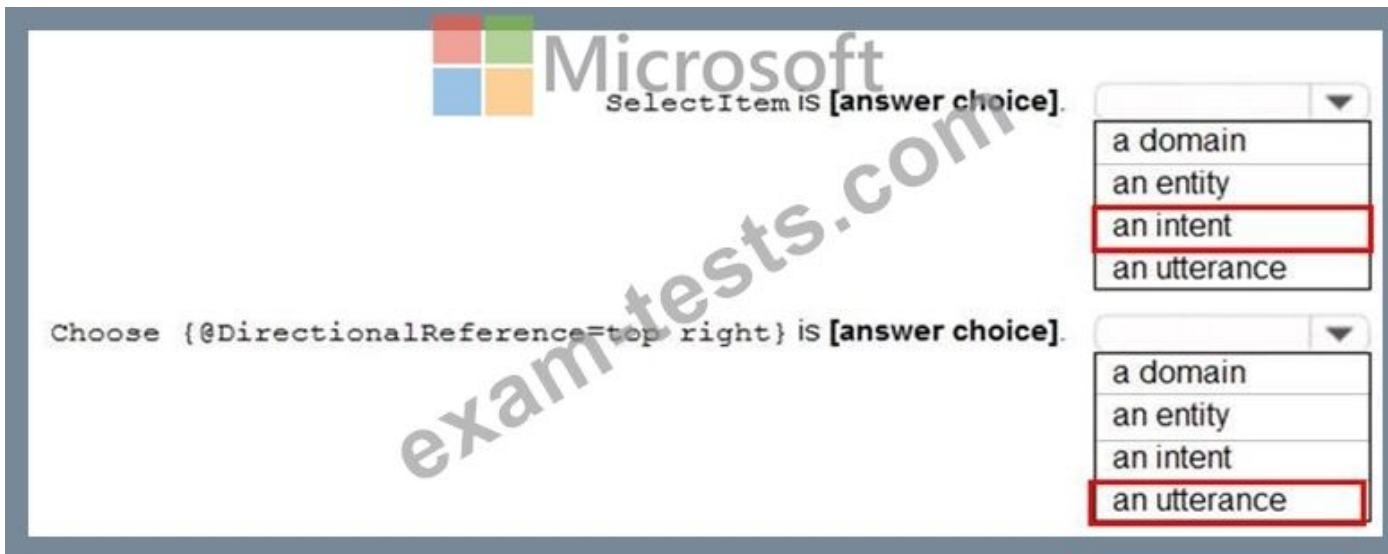


Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.



Answer:



Reference:

<https://github.com/solliancenet/tech-immersion-data-ai/blob/master/ai-exp1/README.md>

### NEW QUESTION: 29

You have the following C# method for creating Azure Cognitive Services resources programmatically.

```
static void create_resource(CognitiveServicesManagementClient client, string resource_name, string kind, string account_tier, string location)
{
    CognitiveServicesAccount parameters =
        new CognitiveServicesAccount(null, null, kind, location, resource_name,
        new CognitiveServicesAccountProperties(), new Sku(account_tier));
    var result = client.Accounts.Create(resource_group_name, account_tier,
    parameters);
}
```

You need to call the method to create a free Azure resource in the West US Azure region. The resource will be used to generate captions of images automatically.

Which code should you use?

- A. `create_resource(client, "res1", "ComputerVision", "F0", "westus")`
- B. `create_resource(client, "res1", "CustomVision.Prediction", "F0", "westus")`
- C. `create_resource(client, "res1", "ComputerVision", "S0", "westus")`

D. create\_resource(client, "res1", "CustomVision.Prediction", "S0", "westus")

Answer: B (LEAVE A REPLY)

Explanation

<https://azure.microsoft.com/en-us/pricing/details/cognitive-services/computer-vision/>

### NEW QUESTION: 30

You develop an app in O named App1 that performs speech-to-speech translation.

You need to configure App1 to translate English to German.

How should you complete the speechTransiationConf ig object? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

The screenshot shows a drag-and-drop interface. On the left, under the heading "Values", there are four text boxes: "addTargetLanguage", "speechSynthesisLanguage", "speechRecognitionLanguage", and "voiceName". On the right, under the heading "Answer Area", there is a code editor with the following code:

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);  
translationConfig. [ ] = "en-US";  
translationConfig. [ ] ("de");
```

Answer:

The screenshot shows the same drag-and-drop interface as above, but with the correct answer applied. The "Values" list on the left has green boxes around "speechRecognitionLanguage" and "addTargetLanguage". In the "Answer Area" code editor, the first empty box is filled with "speechRecognitionLanguage" and the second empty box is filled with "addTargetLanguage".

### NEW QUESTION: 31

You build a QnA Maker resource to meet the chatbot requirements.

Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**



Management-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Consultant-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Agent-CustomerServices

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

**Answer:**

Answer Area



Microsoft

Management-Accountants

Owner
Contributor
Cognitive Services User
Cognitive Services QnA Maker Read
Cognitive Services QnA Maker Editor

Consultant-Accountants

Owner
Contributor
Cognitive Services User
Cognitive Services QnA Maker Read
Cognitive Services QnA Maker Editor

Agent-Customer Services

Owner
Contributor
Cognitive Services User
Cognitive Services QnA Maker Read
Cognitive Services QnA Maker Editor

Explanation

Box 1: Cognitive Service User

Ensure that the members of a group named Management-Accountants can approve the FAQs.

Approve=publish.

Cognitive Service User (read/write/publish): API permissions: All access to Cognitive Services resource except for ability to:

1. Add new members to roles.
2. Create new resources.

Box 2: Cognitive Services QnA Maker Editor

Ensure that the members of a group named Consultant-Accountants can create and amend the FAQs.

QnA Maker Editor: API permissions:

1. Create KB API
2. Update KB API
3. Replace KB API
4. Replace Alterations
5. "Train API" [in new service model v5]

Box 3: Cognitive Services QnA Maker Read

Ensure that the members of a group named the Agent-CustomerServices can browse the FAQs.

QnA Maker Read: API Permissions:

1. Download KB API

2. List KBs for user API
3. Get Knowledge base details
4. Download Alterations

Generate Answer

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/concepts/role-based-access-control>

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**NEW QUESTION: 32**

You have an Azure subscription that has the following configurations:

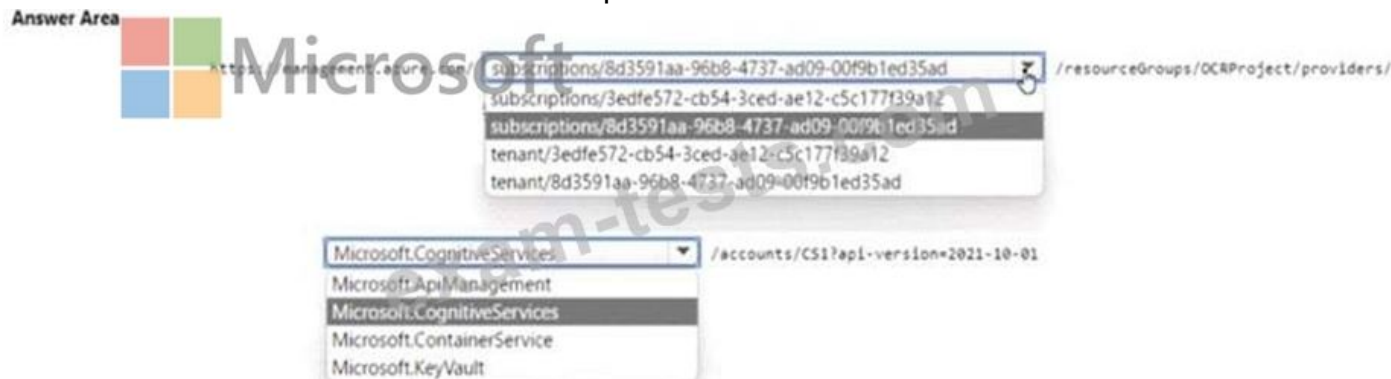
- \* Subscription ID: 8d3591aa-96b8-4737-ad09-00f9b1ed35ad
- \* Tenant ID: 3edfe572-cb54-3ced-ae12-c5c177f39a12

You plan to create a resource that will perform sentiment analysis and optical character recognition (OCR).

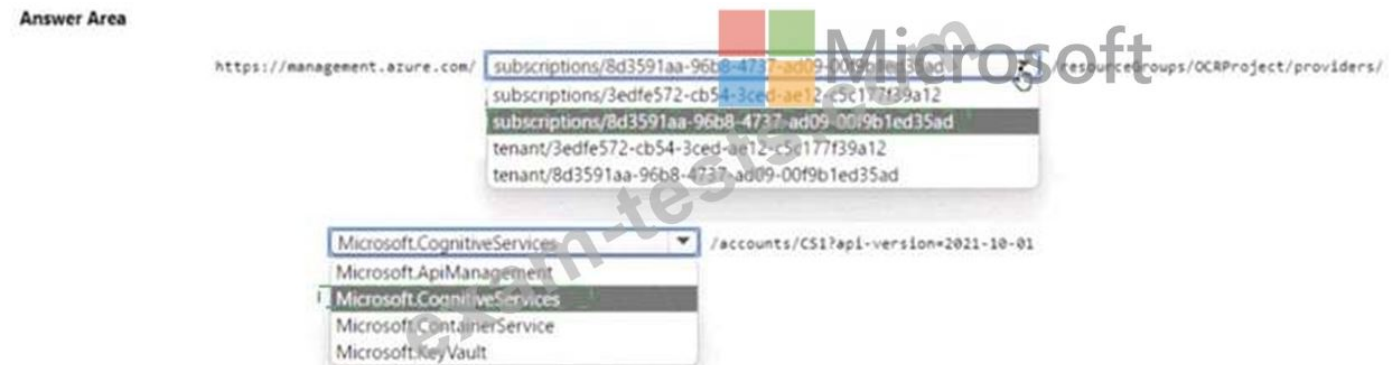
You need to use an HTTP request to create the resource in the subscription. The solution must use a single key and endpoint.

How should you complete the request? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



**Answer:**



## Explanation

Answer Area

https://management.azure.com/subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad/resourceGroups/OCRProject/providers/Microsoft.CognitiveServices/accounts/CS1?api-version=2021-10-01

### NEW QUESTION: 33

You plan to use containerized versions of the Anomaly Detector API on local devices for testing and in on-premises datacenters.

You need to ensure that the containerized deployments meet the following requirements:

Prevent billing and API information from being stored in the command-line histories of the devices that run the container.

Control access to the container images by using Azure role-based access control (Azure RBAC).

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.) NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Create a custom Dockerfile.	
Pull the Anomaly Detector container image.	
Distribute a <code>docker run</code> script.	
Push the image to an Azure container registry.	
Build the image.	
Push the image to Docker Hub.	

Answer:

Actions	Answer Area
Create a custom Dockerfile.	Pull the Anomaly Detector container image.
Pull the Anomaly Detector container image.	Create a custom Dockerfile.
Distribute a <code>docker run</code> script.	Build the image.
Push the image to an Azure container registry.	Push the image to an Azure container registry.
Build the image.	
Push the image to Docker Hub.	

### NEW QUESTION: 34

You build a QnA Maker resource to meet the chatbot requirements.

Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Management-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Consultant-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Agent-CustomerServices

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Answer:

Answer Area



Management-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Consultant-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Agent-CustomerServices

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/concepts/role-based-access-control>

### NEW QUESTION: 35

Match the Azure Cosmos DB APIs to the appropriate data structures.

To answer, drag the appropriate API from the column on the left to its data structure on the right. Each API may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

### NEW QUESTION: 36

You need to analyze video content to identify any mentions of specific company names.

Which three actions should you perform in sequence? To answer move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer:

Explanation

**Actions**

- Add the specific company names to the exclude list.
- Sign in to the Custom Vision website.
- From Content model customization, select **Language**.

**Answer Area**

- 1 Sign in to the Azure Video Analyzer for Media website.
- 2 From Content model customization, select **Brands**.
- 3 Add the specific company names to the include list.

**NEW QUESTION: 37**

You are building a retail chatbot that will use a QnA Maker service.

You upload an internal support document to train the model. The document contains the following question: "What is your warranty period?" Users report that the chatbot returns the default QnA Maker answer when they ask the following question: "How long is the warranty coverage?" The chatbot returns the correct answer when the users ask the following question: "What is your warranty period?" Both questions should return the same answer.

You need to increase the accuracy of the chatbot responses.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

**ACTIONS**

- Add a new question and answer (QnA) pair.
- Retrain the model.
- Add additional questions to the document.
- Republish the model.
- Add alternative phrasing to the question and answer (QnA) pair.

**ANSWER AREA**

**Answer:**

**ACTIONS**

- Add a new question and answer (QnA) pair.
- Retrain the model.
- Add additional questions to the document.
- Republish the model.
- Add alternative phrasing to the question and answer (QnA) pair.

**Answer Area**

- Add alternative phrasing to the question and answer (QnA) pair.
- Retrain the model.
- Republish the model.

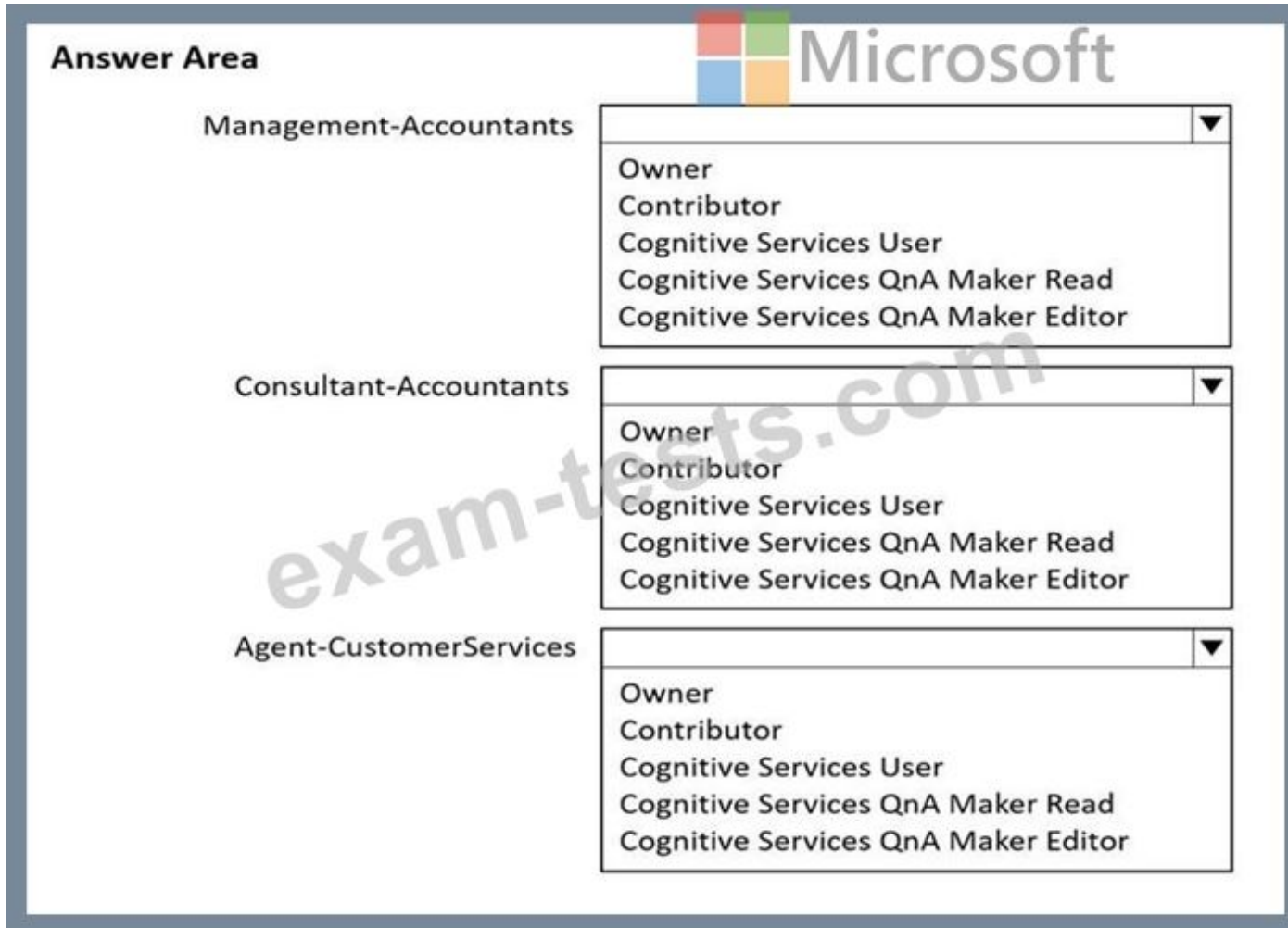
Reference:

**NEW QUESTION: 38**

You build a QnA Maker resource to meet the chatbot requirements.

Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



The screenshot shows the 'Answer Area' for assigning RBAC roles to three groups. At the top right is the Microsoft logo. The groups and their respective role lists are:

Group	Available Roles
Management-Accountants	Owner Contributor Cognitive Services User Cognitive Services QnA Maker Read Cognitive Services QnA Maker Editor
Consultant-Accountants	Owner Contributor Cognitive Services User Cognitive Services QnA Maker Read Cognitive Services QnA Maker Editor
Agent-CustomerServices	Owner Contributor Cognitive Services User Cognitive Services QnA Maker Read Cognitive Services QnA Maker Editor

**Answer:**

	Owner Contributor <b>Cognitive Services User</b> Cognitive Services QnA Maker Read Cognitive Services QnA Maker Editor
Consultant-Accountants	Owner Contributor Cognitive Services User Cognitive Services QnA Maker Read <b>Cognitive Services QnA Maker Editor</b>
Agent-CustomerServices	Owner Contributor Cognitive Services User <b>Cognitive Services QnA Maker Read</b> Cognitive Services QnA Maker Editor

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/concepts/role-based-access-control>

### NEW QUESTION: 39

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a chatbot that uses question answering in Azure Cognitive Service for Language. Users report that the responses of the chatbot lack formality when answering spurious questions. You need to ensure that the chatbot provides formal responses to spurious questions.

Solution: From Language Studio, you change the chitchat source to qna\_chitchit\_friindly.tsv. and then retrain and republish the model.

Does this meet the goal?

A. Yes

B. No

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 40

You are developing the shopping on-the-go project.

You need to build the Adaptive Card for the chatbot.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
```

▼

- if(language == 'en', 'en', name)
- name
- name.en
- name[language]

```
},
  {
    "type": "TextBlock",
    "text": "${stockLevel != 'OK'}",
    "text": "${stockLevel == 'OK'}",
    "text": "${stockLevel.OK}"
    color : Attention
  },
  {
    "type": "Image",
    "url": "${image.uri}",
    "size": "Medium",
    "altText": "${
```

▼

- image.altText.en
- image.altText.language
- image.altText["language"]
- image.altText[language]

```
}]
}
```

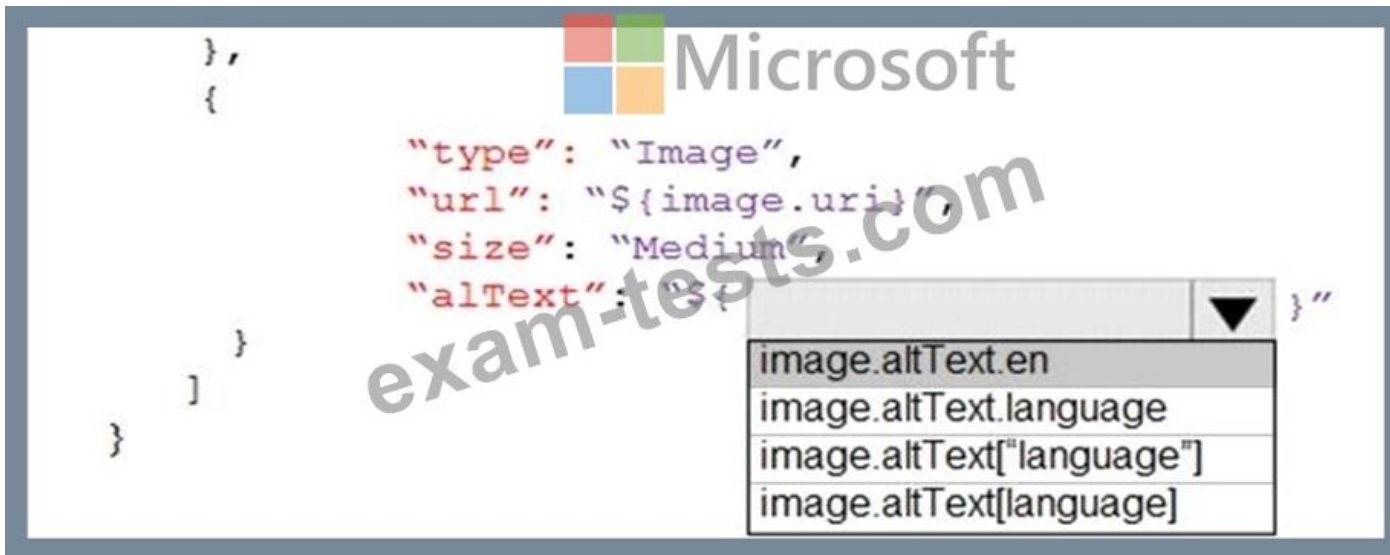
Answer:

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
      if(language == 'en', 'en', name)
      name
      name.en
      name[language]
    }"
  },
  {
    "type": "TextBlock",
    "$when": "${stockLevel != 'OK'}"
    "$when": "${stockLevel == 'OK'}"
    "$when": "${stockLevel.OK}"
    color : Attention
  },
  {
    "type": "Image",
    "url": "${image.uri}",
    "size": "Medium",
    "altText": "${
      image.alt | ext.en
      image.alt | ext.language
      image.altText["language"]
      image.altText[language]
    }"
  }
]
```



Microsoft



**NEW QUESTION: 41**

You have a Custom Vision resource named acvdev in a development environment.

You have a Custom Vision resource named acvprod in a production environment.

In acvdev, you build an object detection model named obj1 in a project named proj1.

You need to move obj1 to acvprod.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Use the ExportProject endpoint on acvdev.	
Use the GetProjects endpoint on acvdev.	
Use the ImportProject endpoint on acvprod.	
Use the ExportIteration endpoint on acvdev.	
Use the GetIterations endpoint on acvdev.	
Use the UpdateProject endpoint on acvprod.	

⬅      ⬆  
➡      ⬇

**Answer:**

**Answer Area**

Use the GetProjects endpoint on acvdev.
Use the ExportProject endpoint on acvdev.
Use the ImportProject endpoint on acvprod.

- 1 - Use the GetProjects endpoint on acvdev.
- 2 - Use the ExportProject endpoint on acvdev.
- 3 - Use the ImportProject endpoint on acvprod.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-tutorial-pattern#what-did-this-tutorial-accomplish>

### NEW QUESTION: 42

You need to upload speech samples to a Speech Studio project. How should you upload the samples?

- A. Combine the speech samples into a single audio file in the .wma format and upload the file.
- B. Upload a .zip file that contains a collection of audio files in the .wav format and a corresponding text transcript file.
- C. Upload individual audio files in the FLAC format and manually upload a corresponding transcript in Microsoft Word format.
- D. Upload individual audio files in the .wma format.

**Answer: B (LEAVE A REPLY)**

To upload your data, navigate to the Speech Studio . From the portal, click Upload data to launch the wizard and create your first dataset. You'll be asked to select a speech data type for your dataset, before allowing you to upload your data.

The default audio streaming format is WAV

Use this table to ensure that your audio files are formatted correctly for use with Custom Speech:

Property	Value
File format	RIFF (WAV)
Sample rate	8,000 Hz or 16,000 Hz
Channels	1 (mono)
Maximum length per audio	2 hours
Sample format	PCM, 16-bit
Archive format	.zip
Maximum archive size	2 GB

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/how-to-custom-speech-test-and-train>

### NEW QUESTION: 43

You are building a retail chatbot that will use a QnA Maker service.

You upload an internal support document to train the model. The document contains the following question: "What is your warranty period?" Users report that the chatbot returns the default QnA Maker answer when they ask the following question: "How long is the warranty coverage?" The chatbot returns the correct answer when the users ask the following question: "What is your warranty period?" Both questions should return the same answer.

You need to increase the accuracy of the chatbot responses.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

**ACTIONS**

**ANSWER AREA**

- Add a new question and answer (QnA) pair.
- Retrain the model.
- Add additional questions to the document.
- Republish the model.
- Add alternative phrasing to the question and answer (QnA) pair.

**Answer:**  
**Actions**

**Answer Area**

- Add a new question and answer (QnA) pair.
- Retrain the model.
- Add additional questions to the document.
- Republish the model.
- Add alternative phrasing to the question and answer (QnA) pair.

- Add alternative phrasing to the question and answer (QnA) pair.
- Retrain the model.
- Republish the model.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/edit-knowledge-base>

#### NEW QUESTION: 44

You are developing a photo application that will find photos of a person based on a sample image by using the Face API.

You need to create a POST request to find the photos.

How should you complete the request? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values	Answer Area
detect	POST {Endpoint}/face/v1.0/ <input type="text"/>
findsimilars	Request Body
group	{
identify	"faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
matchFace	"largeFaceListId": "sample_list",
matchPerson	"largeFaceListId": "sample_list",
verify	"maxNumOfCandidatesReturned": 10,
	"mode": " <input type="text" value=""/> "
	}

Answer:

Values	Answer Area
detect	POST {Endpoint}/face/v1.0/ <input type="text" value="findsimilars"/>
findsimilars	Request Body
group	{
identify	"faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
matchFace	"largeFaceListId": "sample_list",
matchPerson	"largeFaceListId": "sample_list",
verify	"maxNumOfCandidatesReturned": 10,
	"mode": " <input type="text" value="matchPerson"/> "
	}

Reference:

<https://docs.microsoft.com/en-us/rest/api/faceapi/face/detectwithurl>

<https://docs.microsoft.com/en-us/rest/api/faceapi/face/findsimilar>

### NEW QUESTION: 45

You plan to build a chatbot to support task tracking.

You create a Conversational Language Understanding service named lu1.

You need to build a Conversational Language Understanding model to Integrate into the chatbot. The solution must minimize development time to build the model.

Which four actions should you perform In sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Add the prebuilt domain ToDo.	
Add a new application.	
Add example utterances.	
Train the application.	
Publish the application.	

Answer:


**Answer Area**

Add an new application.

Add example utterances.

Train the application.

Publish the application.



- 1 - Add an new application.
- 2 - Add example utterances.
- 3 - Train the application.
- 4 - Publish the application.

**NEW QUESTION: 46**

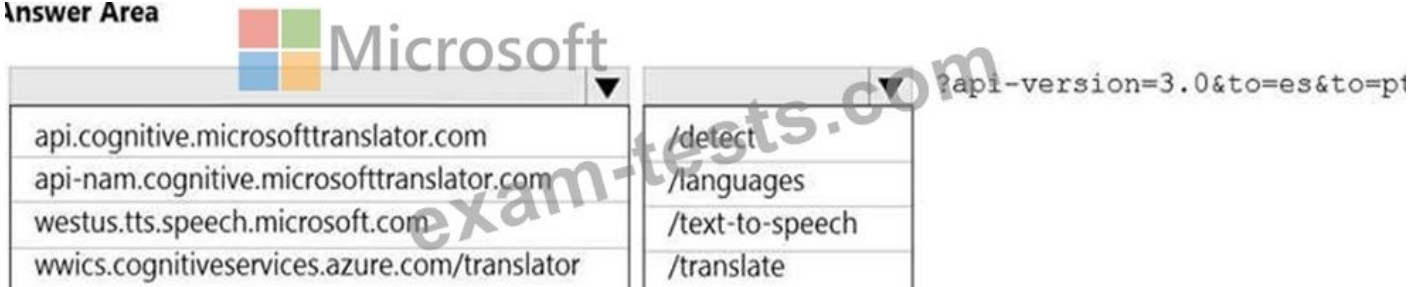
You are planning the product creation project.

You need to build the REST endpoint to create the multilingual product descriptions.

How should you complete the URI? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**



**Answer:**



Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0-translate>

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Engine here: <https://www.braindumps.com/Microsoft/AI-102-practice-exam-dumps.html> (416 Q&As Dumps, 40%OFF Special Discount: Exam-Tests)

**NEW QUESTION: 47**

You are building an Azure Cognitive Search custom skill.

You have the following custom skill schema definition.

```
{
  "@odata.type": "#Microsoft.Skills.Custom.WebApiSkill",
  "description": "My custom skill description",
  "uri": "https://contoso-webskill.azurewebsites.net/api/process",
  "context": "/document/organizations/*",
  "inputs": [
    {
      "name": "companyName",
      "source": "/document/organizations/*"
    }
  ],
  "outputs": [
    {
      "name": "companyDescription",
    }
  ]
}
```

For each of the following statements, select Yes if the statement. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
CompanyDescription is available for indexing.	<input type="radio"/>	<input type="radio"/>
The definition calls a web API as part of the enrichment process.	<input type="radio"/>	<input type="radio"/>
The enrichment step is called only for the first organization under "/document/organizations".	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
CompanyDescription is available for indexing.	<input checked="" type="radio"/>	<input type="radio"/>
The definition calls a web API as part of the enrichment process.	<input checked="" type="radio"/>	<input type="radio"/>
The enrichment step is called only for the first organization under "/document/organizations".	<input type="radio"/>	<input checked="" type="radio"/>

Explanation

**Answer Area**

**Statements**



Microsoft

**Yes**

**No**

CompanyDescription is available for indexing.

The definition calls a web API as part of the enrichment process.

The enrichment step is called only for the first organization under  
"/document/organizations"

Box 1: Yes

Once you have defined a skillset, you must map the output fields of any skill that directly contributes values to a given field in your search index.

Box 2: Yes

The definition is a custom skill that calls a web API as part of the enrichment process.

Box 3: No

For each organization identified by entity recognition, this skill calls a web API to find the description of that organization.

Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-output-field-mapping>

**NEW QUESTION: 48**

You are building a model that will be used in an iOS app.

You have images of cats and dogs. Each image contains either a cat or a dog.

You need to use the Custom Vision service to detect whether the images is of a cat or a dog.

How should you configure the project in the Custom Vision portal? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Project Types:  ▼


Classification
Object Detection

Classification Types:  ▼

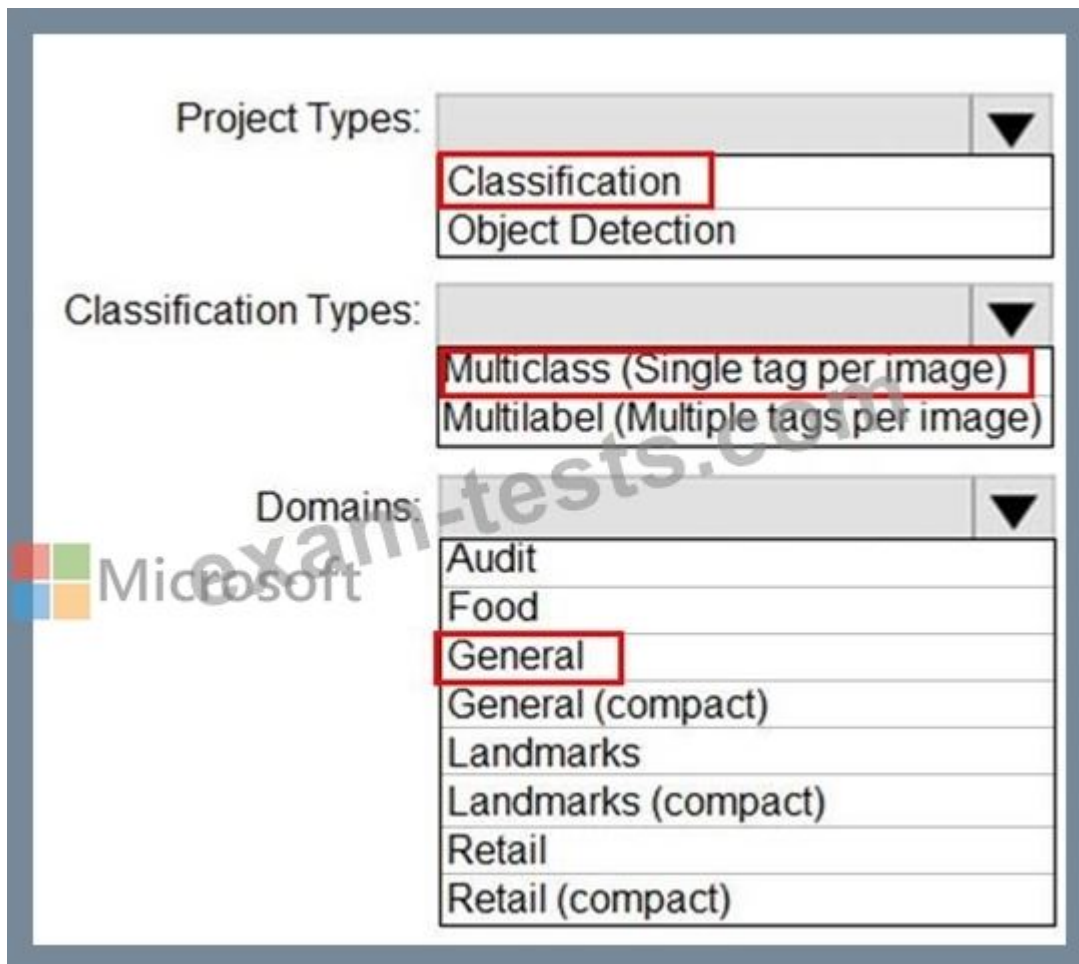
Multiclass (Single tag per image)
Multilabel (Multiple tags per image)

Domains:  ▼

Audit
Food
General
General (compact)
Landmarks
Landmarks (compact)
Retail
Retail (compact)



Answer:



Reference:

<https://cran.r-project.org/web/packages/AzureVision/vignettes/customvision.html>

#### NEW QUESTION: 49

You have an Azure subscription that contains an Anomaly Detector resource. You deploy a Docker host server named Server 1 to the on-premises network. You need to host an instance of the Anomaly Detector service on Server 1. Which parameter should you include in the docker run command?

- A. Http Proxy
- B. Mounts
- C. Billing
- D. Fluentd

**Answer: C** ([LEAVE A REPLY](#))

#### NEW QUESTION: 50

You develop a test method to verify the results retrieved from a call to the Computer Vision API. The call is used to analyze the existence of company logos in images. The call returns a collection of brands named brands. You have the following code segment.

```
foreach (var brand in brands)
{
    if (brand.Confidence >= .75)
        Console.WriteLine($"Logo of {brand.Name} between {brand.Rectangle.X},
{brand.Rectangle.Y} and {brand.Rectangle.W}, {brand.Rectangle.H}");
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	<input type="checkbox"/>	<input type="checkbox"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="checkbox"/>	<input type="checkbox"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="checkbox"/>	<input type="checkbox"/>

Answer:

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-detecting-faces>

### NEW QUESTION: 51

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.

You need to add the new images to the classifier.

Solution: You create a new model, and then upload the new images and labels.

Does this meet the goal?

A. Yes

B. No

**Answer: B (LEAVE A REPLY)**

Explanation

The model needs to be extended and retrained.

### NEW QUESTION: 52

You have a chatbot that uses a QnA Maker application.

You enable active learning for the knowledge base used by the QnA Maker application.

You need to integrate user input into the model.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

The screenshot shows a Microsoft QnA Maker interface. On the left, under the heading "Actions", there is a list of seven actions in a vertical stack:

- Add a task to the Azure resource.
- Approve and reject suggestions.
- Publish the knowledge base.
- Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.
- For the knowledge base, select Show active learning suggestions.
- Save and train the knowledge base.
- Select the properties of the Azure Cognitive Services resource.

On the right, under the heading "Answer Area", there are four circular arrows for reordering: a left arrow, a right arrow, an up arrow, and a down arrow. A watermark "examtests.com" is visible across the interface.

**Answer:**

### Actions

- Add a task to the Azure resource.
- Approve and reject suggestions.
- Publish the knowledge base.
- Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.
- For the knowledge base, select Show active learning suggestions.
- Save and train the knowledge base.
- Select the properties of the Azure Cognitive Services resource.

### Answer Area

- For the knowledge base, select Show active learning suggestions.
- Approve and reject suggestions.
- Save and train the knowledge base.
- Publish the knowledge base.



### Explanation

Graphical user interface, application Description automatically generated

For the knowledge base, select Show active learning suggestions.

Approve and reject suggestions.

Save and train the knowledge base.

Publish the knowledge base.

Step 1: For the knowledge base, select Show active learning suggestions.

In order to see the suggested questions, on the Edit knowledge base page, select View Options, then select Show active learning suggestions.

Step 2: Approve and reject suggestions.

Each QnA pair suggests the new question alternatives with a check mark, , to accept the question or an x to reject the suggestions. Select the check mark to add the question.

Step 3: Save and train the knowledge base.

Select Save and Train to save the changes to the knowledge base.

Step 4: Publish the knowledge base.

Select Publish to allow the changes to be available from the GenerateAnswer API.

When 5 or more similar queries are clustered, every 30 minutes, QnA Maker suggests the alternate questions for you to accept or reject.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/improve-knowledge-base>

### NEW QUESTION: 53

You plan to build a chatbot to support task tracking.

You create a Language Understanding service named lu1.

You need to build a Language Understanding model to integrate into the chatbot. The solution must minimize development time to build the model.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.)

#### Actions

#### Answer Area

Train the application.
Publish the application.
Add a new application.
Add example utterances.
Add the prebuilt domain ToDo.

Answer:

Actions	Answer Area
Train the application.	Add a new application.
Publish the application.	Add the prebuilt domain ToDo.
Add a new application.	Train the application.
Add example utterances.	Publish the application.
Add the prebuilt domain ToDo.	

### NEW QUESTION: 54

You have a collection of 50,000 scanned documents that contain text.

You plan to make the text available through Azure Cognitive Search.

You need to configure an enrichment pipeline to perform optical character recognition (OCR) and text analytics. The solution must minimize costs.

What should you attach to the skillset?

- A. a new Computer Vision resource
- B. a free (Limited enrichments) Cognitive Services resource
- C. an Azure Machine Learning pipeline
- D. a new Cognitive Services resource that uses the SO pricing tier

**Answer: A (LEAVE A REPLY)**

Explanation

The Computer Vision API uses text recognition APIs to extract and recognize text information from images.

Read uses the latest recognition models, and is optimized for large, text-heavy documents and noisy images.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/solution-ideas/articles/cognitive-search-with-skillsets>

### NEW QUESTION: 55

Select the answer that correctly completes the sentence.

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.  
distributes processing across control nodes.  
redirects client connections across compute nodes.  
redirects client connections across control nodes.




**Answer:**

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.  
distributes processing across control nodes.  
redirects client connections across compute nodes.  
redirects client connections across control nodes.



### NEW QUESTION: 56

Select the answer that correctly completes the sentence.

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.  
distributes processing across control nodes.  
redirects client connections across compute nodes.  
redirects client connections across control nodes.



**Answer:**

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.  
distributes processing across control nodes.  
redirects client connections across compute nodes.  
redirects client connections across control nodes.



**NEW QUESTION: 57**

You are building a Language Understanding model for purchasing tickets.

You have the following utterance for an intent named PurchaseAndSendTickets.

Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com] You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.

Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels.

Each entity type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

**Entity Types**  **Answer Area**

Email		
List	Paris:	
Regex	email@domain.com:	
GeographyV2	2 audit business:	
Machine learned		

**Answer:**

**Entity Types** **Answer Area**

Email		
List	Paris:	GeographyV2
Regex	email@domain.com:	Email
GeographyV2	2 audit business:	Machine learned
Machine learned		

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-geographyv2>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-email>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/reference-entity-machine-learned-entity>

### NEW QUESTION: 58

You need to build a chatbot that meets the following requirements:

Supports chit-chat, knowledge base, and multilingual models

Performs sentiment analysis on user messages

Selects the best language model automatically

What should you integrate into the chatbot?

- A. QnA Maker, Language Understanding, and Dispatch
- B. Translator, Speech, and Dispatch
- C. Language Understanding, Text Analytics, and QnA Maker
- D. Text Analytics, Translator, and Dispatch

**Answer: C (LEAVE A REPLY)**

Language Understanding: An AI service that allows users to interact with your applications, bots, and IoT devices by using natural language.

QnA Maker is a cloud-based Natural Language Processing (NLP) service that allows you to create a natural conversational layer over your data. It is used to find the most appropriate answer for any input from your custom knowledge base (KB) of information.

Text Analytics: Mine insights in unstructured text using natural language processing (NLP)-no machine learning expertise required. Gain a deeper understanding of customer opinions with sentiment analysis. The Language Detection feature of the Azure Text Analytics REST API evaluates text input

Incorrect Answers:  
A, B, D: Dispatch uses sample utterances for each of your bot's different tasks (LUIS, QnA Maker, or custom), and builds a model that can be used to properly route your user's request to the right task, even across multiple bots.

Reference:

<https://azure.microsoft.com/en-us/services/cognitive-services/text-analytics/>

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/overview/overview>

### NEW QUESTION: 59

You are building a Language Understanding model for an e-commerce platform. You need to construct an entity to capture billing addresses.

Which entity type should you use for the billing address?

- A. machine learned
- B. Regex
- C. geographyV2
- D. Pattern.any
- E. list

**Answer: B (LEAVE A REPLY)**

Explanation

A regular expression entity extracts an entity based on a regular expression pattern you provide. It ignores case and ignores cultural variant. Regular expression is best for structured text or a predefined sequence of alphanumeric values that are expected in a certain format. For example:

Entity	Regular expression	Example
Flight Number	flight [A-Z]{2}[0-9]{4}	flight AS 1234
Credit Card Number	[0-9]{16}	5478789865437632

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-entity-types>

### NEW QUESTION: 60

You are building a chatbot by using the Microsoft Bot Framework SDK.

You use an object named `UserProfile` to store user profile information and an object named `ConversationData` to store information related to a conversation.

You create the following state accessors to store both objects in state.

```
var userStateAccessors = _userState.CreateProperty<UserProfile>(nameof(UserProfile)); var
```

```
conversationStateAccessors =
```

```
_conversationState.CreateProperty<ConversationData>(nameof(ConversationData));
```

The state storage mechanism is set to Memory Storage.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will create and maintain the <code>UserProfile</code> object in the underlying storage layer.	<input type="radio"/>	<input type="radio"/>
The code will create and maintain the <code>ConversationData</code> object in the underlying storage layer.	<input type="radio"/>	<input type="radio"/>
The <code>UserProfile</code> and <code>ConversationData</code> objects will persist when the Bot Framework runtime terminates.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The code will create and maintain the <code>UserProfile</code> object in the underlying storage layer.	<input checked="" type="radio"/>	<input type="radio"/>
The code will create and maintain the <code>ConversationData</code> object in the underlying storage layer.	<input checked="" type="radio"/>	<input type="radio"/>
The <code>UserProfile</code> and <code>ConversationData</code> objects will persist when the Bot Framework runtime terminates.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-v4-state>

### NEW QUESTION: 61

You have a collection of Microsoft Word documents and PowerPoint presentations in German.

You need to create a solution to translate the file to French. The solution must meet the following requirements:

- \* Preserve the original formatting of the files.
- \* Support the use of a custom glossary.

You create a blob container for German files and a blob container for French files. You upload the original files to the container for German files.

Which three actions should you perform in sequence from the list of actions to the answer area and arrange them in the correct order.



**Answer:**



Explanation



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### NEW QUESTION: 62

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named getTextToBeTranslated. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.

You need to develop code to translate the text to a single language.

How should you complete the code? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

...

```
var endpoint =  ;
```

- &quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
- &quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
- &quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
- &quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
- &quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

```
var apiKey = "FF956C68B83B21B38691ABD200A4C606";  
var text = getTextToBeTranslated();  
var body = '[{"Text":"' + text + '"}]';  
var client = new HttpClient();  
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);
```

- 
- var uri = endpoint + &quot;?from=en&quot;;
- var uri = endpoint + &quot;?suggestedFrom=en&quot;;
- var uri = endpoint + &quot;?to=en&quot;;

```
HttpResponseMessage response;  
var content = new StringContent(body, Encoding.UTF8, "application/json");  
var response = await client.PutAsync(uri, content);
```

### Answer:

Graphical user interface, text, application, email Description automatically generated

...

```
var endpoint = 
```

- &quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
- &quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
- &quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
- &quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
- &quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

```
var apiKey = "FF956C68B83B21B38691ABD200A4C606";  
var text = getTextToBeTranslated();  
var body = '[{"Text":"' + text + '"}]';  
var client = new HttpClient();  
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);
```

- 
- var uri = endpoint + &quot;?from=en&quot;;
- var uri = endpoint + &quot;?suggestedFrom=en&quot;;
- var uri = endpoint + &quot;?to=en&quot;;

```
HttpResponseMessage response;  
var content = new StringContent(body, Encoding.UTF8, "application/json");  
var response = await client.PutAsync(uri, content);
```

**NEW QUESTION: 63**

You are developing an app that will use the Decision and Language APIs.

You need to provision resources for the app. The solution must ensure that each service is accessed by using a single endpoint and credential.

Which type of resource should you create?

- A. Language
- B. Speech
- C. Content Moderator
- D. Azure Cognitive Services

**Answer: D (LEAVE A REPLY)**

### NEW QUESTION: 64

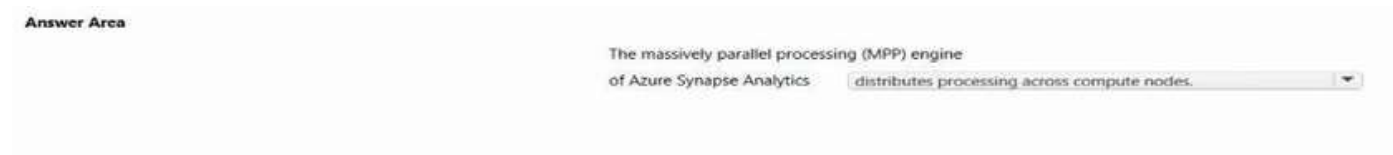
Select the answer that correctly completes the sentence.



**Answer:**



**Explanation**



### NEW QUESTION: 65

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure Cognitive Search service.

During the past 12 months, query volume steadily increased.

You discover that some search query requests to the Cognitive Search service are being throttled.

You need to reduce the likelihood that search query requests are throttled.

Solution: You enable customer-managed key (CMK) encryption.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B (LEAVE A REPLY)**

Customer-managed key (CMK) encryption does not affect throttling.

Instead, you could migrate to a Cognitive Search service that uses a higher tier.

Note: A simple fix to most throttling issues is to throw more resources at the search service (typically replicas for query-based throttling, or partitions for indexing-based throttling). However, increasing replicas or partitions adds cost, which is why it is important to know the reason why throttling is occurring at all.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-performance-analysis>

**NEW QUESTION: 66**

You have a Computer Vision resource named contoso1 that is hosted in the West US Azure region.

You need to use contoso1 to make a different size of a product photo by using the smart cropping feature.

How should you complete the API URL? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /  
-o "sample.png" -H "Content-Type: application/json" /  
/vision/v3.1/  
?width=100&height=100&smartCropping=true" /  
-d "{\"url\":\"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```



**Answer:**



**Explanation**

westus.api.cognitive.microsoft.com

generateThumbnail

<https://docs.microsoft.com/en-us/rest/api/computervision/3.1/generate-thumbnail/generate-thumbnail#examples>

POST

<https://westus.api.cognitive.microsoft.com/vision/v3.1/generateThumbnail?width=500&height=500&smartCropping=true>

Ocp-Apim-Subscription-Key: {API key}

**NEW QUESTION: 67**

You are developing the shopping on-the-go project.

You need to build the Adaptive Card for the chatbot.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
```

▼

- if(language == 'en', 'en', name)
- name
- name.en
- name[language]

```
},
  {
    "type": "TextBlock",
    "text": "${
```

▼

- \$when: "\${stockLevel != 'OK'}"
- \$when: "\${stockLevel == 'OK'}"
- \$when: "\${stockLevel.OK}"

```
color : Attention
},
  {
    "type": "Image",
    "url": "${image.uri}",
    "size": "Medium",
    "altText": "${
```

▼

- image.altText.en
- image.altText.language
- image.altText["language"]
- image.altText[language]

```
}]
}
```



Answer:

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
      if(language == 'en', 'en', name)
      name
      name.en
      name[language]
    }"
  },
  {
    "type": "TextBlock",
    "$when": "${stockLevel != 'OK'}"
    "$when": "${stockLevel == 'OK'}"
    "$when": "${stockLevel.OK}"
    color : Attention
  },
  {
    "type": "Image",
    "url": "${image.uri}",
    "size": "Medium",
    "altText": "${
      image.alt | ext.en
      image.alt | Text.language
      image.alt | Text["language"]
      image.alt | Text[language]
    }"
  }
]
}
```



### NEW QUESTION: 68

You plan to use containerized versions of the Anomaly Detector API on local devices for testing and in on-premises datacenters.

You need to ensure that the containerized deployments meet the following requirements:

Prevent billing and API information from being stored in the command-line histories of the devices that run the container.

Control access to the container images by using Azure role-based access control (Azure RBAC).

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.) NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Create a custom Dockerfile.	
Pull the Anomaly Detector container image.	
Distribute a <code>docker run</code> script.	
Push the image to an Azure container registry.	
Build the image.	
Push the image to Docker Hub.	



**Answer:**  
**Actions**

Create a custom Dockerfile.
Pull the Anomaly Detector container image.
Distribute a <code>docker run</code> script.
Push the image to an Azure container registry.
Build the image.
Push the image to Docker Hub.

**Answer Area**

Pull the Anomaly Detector container image.
Create a custom Dockerfile.
Build the image.
Push the image to an Azure container registry.

Explanation

Step 1: Pull the Anomaly Detector container image.

Step 2: Create a custom Dockerfile

Step 3: Build the image

Step 4: Push the image to an Azure container registry.

<https://docs.microsoft.com/en-us/azure/cognitive-services/containers/container-reuse-recipe>

### NEW QUESTION: 69

Select the answer that correctly completes the sentence.

Answer Area

The 

ALTER
JOIN
SET
WHERE

 clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

**Answer:**

Answer Area

The 

ALTER
JOIN
SET
WHERE

 clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

## Explanation

Answer Area

The **WHERE** clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

### NEW QUESTION: 70

You build a conversational bot named bot1.

You need to configure the bot to use a QnA Maker application.

From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

- A. Access control (IAM)
- B. Properties
- C. Keys and Endpoint
- D. Identity

**Answer: C** ([LEAVE A REPLY](#))

Obtain values to connect your bot to the knowledge base

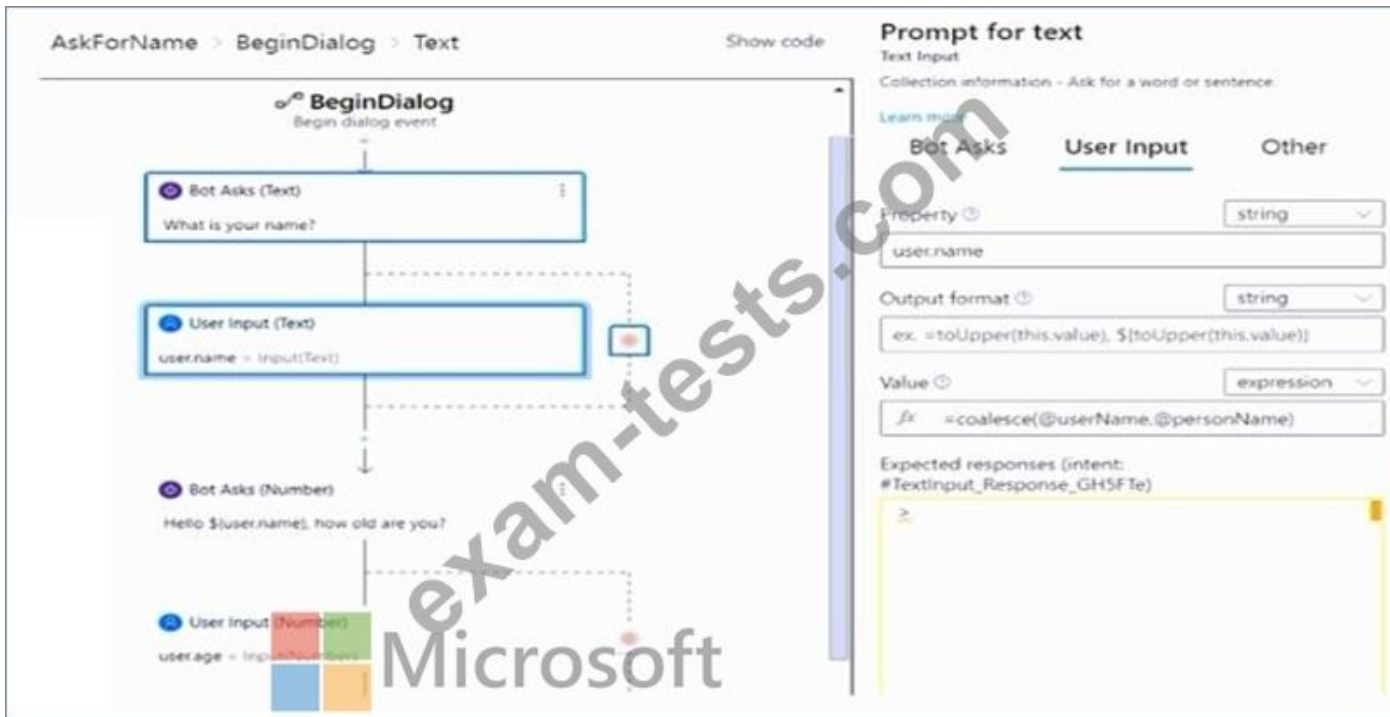
1. In the QnA Maker site, select your knowledge base.
2. With your knowledge base open, select the SETTINGS tab. Record the value shown for service name. This value is useful for finding your knowledge base of interest when using the QnA Maker portal interface. It's not used to connect your bot app to this knowledge base.
3. Scroll down to find Deployment details and record the following values from the Postman sample HTTP request:
4. POST /knowledgebases/<knowledge-base-id>/generateAnswer
5. Host: <your-host-url>
6. Authorization: EndpointKey <your-endpoint-key>

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-qna>

### NEW QUESTION: 71

You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.



For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
user.name is an entity.	<input type="radio"/>	<input type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
user.name is an entity.	<input type="radio"/>	<input checked="" type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input checked="" type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation

Answer Area

Statements	Yes	No
user.name is an entity.	<input type="radio"/>	<input checked="" type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input checked="" type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION: 72

You develop an application that uses the Face API.

You need to add multiple images to a person group.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



```
Parallel.For(0, PersonCount, async i =>
{
    Guid personId = persons[i].PersonId;
    string personImageDir = $"/path/to/person/{i}/images";
    foreach (string imagePath in Directory.GetFiles(personImageDir, "*.jpg"))
    {
        using (
            t = File.OpenRead(imagePath))
        {
            await faceClient.PersonGroupPerson.
                (personGroupId, personId, t);
        }
    }
});
```

exam-tests.com

File
Stream
Uri
Url


  

AddFaceFromStreamAsync
AddFaceFromUrlAsync
CreateAsync
GetAsync

Answer:

Answer Area

```
Parallel.For(0, PersonCount, async i =>
{
    Guid personId = persons[i].PersonId;
    string personImageDir = $"/path/to/person/{i}/images";
    foreach (string imagePath in Directory.GetFiles(personImageDir, "*.jpg"))
    {
        using (
            t = File.OpenRead(imagePath))
        {
            await faceClient.PersonGroupPerson.
                (personGroupId, personId, t);
        }
    }
});
```



File
Stream
Uri
Url

AddFaceFromStreamAsync
AddFaceFromUrlAsync
CreateAsync
GetAsync

exam-tests.com

NEW QUESTION: 73

You are developing an application that will use the Computer Vision client library. The application has the following code.

```

public async Task AnalyzeImage(ComputerVisionClient client, string localImage)
{
    List<VisualFeatureTypes> features = new List<VisualFeatureTypes>()
    {
        VisualFeatureTypes.Description,
        VisualFeatureTypes.Tags,
    };
    using (Stream imageStream = File.OpenRead(localImage))
    {
        try
        {
            ImageAnalysis results = await client.AnalyzeImageInStreamAsync(imageStream, features);

            foreach (var caption in results.Description.Captions)
            {
                Console.WriteLine($"{caption.Text} with confidence {caption.Confidence}");
            }

            foreach (var tag in results.Tags)
            {
                Console.WriteLine($"{tag.Name} {tag.Confidence}");
            }
        }
        catch (Exception ex)
        {
            Console.WriteLine(ex.Message);
        }
    }
}

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input type="radio"/>
The code will list tags and their associated confidence.	<input type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input checked="" type="radio"/>
The code will list tags and their associated confidence.	<input checked="" type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

Box 1: No

Box 2: Yes

The ComputerVision.analyzeImageInStreamAsync operation extracts a rich set of visual features based on the image content.

Box 3: No

Images will be read from a stream.

Reference:

<https://docs.microsoft.com/en-us/java/api/com.microsoft.azure.cognitiveservices.vision.computervision.computervision.analyzeimageinstreamasync>

**NEW QUESTION: 74**

You manage an application that stores data in a shared folder on a Windows server. You need to move the shared folder to Azure Storage. Which type of Azure Storage should you use?

- A. queue
- B. table
- C. file
- D. blob

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 75**

You need to develop an extract solution for the receipt images. The solution must meet the document processing requirements and the technical requirements.

You upload the receipt images to the Form Recognizer API for analysis, and the API returns the following JSON.

```

"documentResults": [
  {
    "docType": "prebuilt:receipt",
    "pageRange": [
      1,
      1
    ],
    "fields": {
      "ReceiptType": {
        "type": "string",
        "valueString": "Itemized",
        "confidence": 0.672
      },
      "MerchantName": {
        "type": "string",
        "valueString": "Tailwind",
        "text": "Tailwind",
        "boundingBox": [],
        "page": 1,
        "confidence": 0.913,
        "elements": [
          "#/readResults/0/lines/0/words/0"
        ]
      }
    }
  },
  ...
]

```

Which expression should you use to trigger a manual review of the extracted information by a member of the Consultant-Bookkeeper group?

- A. `documentResults.docType == "prebuilt:receipt"`
- B. `documentResults.fields.".confidence < 0.7`
- C. `documentResults.fields.ReceiptType.confidence > 0.7`
- D. `documentResults.fields.MerchantName.confidence < 0.7`

**Answer: C (LEAVE A REPLY)**

Need to specify the field name, and then use `< 0.7` to handle trigger if confidence score is less than 70%.

Reference:

<https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/api-v2-0/reference-sdk-api-v2-0>

Topic 2, Wide World Importers

Existing Environment

A company named Wide World Importers is developing an e-commerce platform.

You are working with a solutions architect to design and implement the features of the e-commerce platform. The platform will use microservices and a serverless environment built on Azure.

Wide World Importers has a customer base that includes English, Spanish, and Portuguese speakers.

Applications

Wide World Importers has an App Service plan that contains the web apps shown in the following table.

Name	Description
Product Management	An app used by employees to create and manage products. The app and the expected inputs from the employees are in English.
Inventory Tracking	An app used by employees to manage inventory when dispatching orders, receiving refunds, and receiving consignments from suppliers.

## Azure Resources

You have the following resources:

An Azure Active Directory (Azure AD) tenant

The tenant supports internal authentication.

All employees belong to a group named AllUsers.

Senior managers belong to a group named LeadershipTeam.

An Azure Functions resource

A function app posts to Azure Event Grid when stock levels of a product change between OK, Low Stock, and Out of Stock. The function app uses the Azure Cosmos DB change feed.

An Azure Cosmos DB account

The account uses the Core (SQL) API.

The account stores data for the Product Management app and the Inventory Tracking app.

An Azure Storage account

The account contains blob containers for assets related to products.

The assets include images, videos, and PDFs.

An Azure Cognitive Services resource named wwics

A Video Indexer resource named wwivi

## Requirements

### Business Goals

Wide World Importers wants to leverage AI technologies to differentiate itself from its competitors.

### Planned Changes

Wide World Importers plans to start the following projects:

A product creation project: Help employees create accessible and multilingual product entries, while expediting product entry creation.

A smart e-commerce project: Implement an Azure Cognitive Search solution to display products for customers to browse.

A shopping on-the-go project: Build a chatbot that can be integrated into smart speakers to support customers.

### Business Requirements

Wide World Importers identifies the following business requirements for all the projects:

Provide a multilingual customer experience that supports English, Spanish, and Portuguese.

Whenever possible, scale based on transaction volumes to ensure consistent performance.

Minimize costs.

### Governance and Security Requirements

Wide World Importers identifies the following governance and security requirements:

Data storage and processing must occur in datacenters located in the United States.

Azure Cognitive Services must be inaccessible directly from the internet.

## Accessibility Requirements

Wide World Importers identifies the following accessibility requirements:

All images must have relevant alt text.

All videos must have transcripts that are associated to the video and included in product descriptions.

Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

## Product Creation Requirements

Wide World Importers identifies the following requirements for improving the Product Management app:

Minimize how long it takes for employees to create products and add assets.

Remove the need for manual translations.

## Smart E-Commerce Requirements

Wide World Importers identifies the following requirements for the smart e-commerce project:

Ensure that the Cognitive Search solution meets a Service Level Agreement (SLA) of 99.9% availability for searches and index writes.

Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

Support autocompletion and autosuggestion based on all product name variants.

Store all raw insight data that was generated, so the data can be processed later.

Update the stock level field in the product index immediately upon changes.

Update the product index hourly.

## Shopping On-the-Go Requirements

Wide World Importers identifies the following requirements for the shopping on-the-go chatbot:

Answer common questions.

Support interactions in English, Spanish, and Portuguese.

Replace an existing FAQ process so that all Q&A is managed from a central location.

Provide all employees with the ability to edit Q&As. Only senior managers must be able to publish updates.

Support purchases by providing information about relevant products to customers. Product displays must include images and warnings when stock levels are low or out of stock.

## Product JSON Sample

You have the following JSON sample for a product.

```

{
  "sku": "b1",
  "name": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "stocklevel": "Out of Stock",
  "description": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "image": {
    "uri": "https://upload.worldwideimporters.org/bicycle.jpg",
    "alttext": {
      "en": "Bicycle",
      "es": "Bicicleta",
      "pt": "Bicicleta"
    }
  },
  "createdUtc": "2020-02-14T06:08:39Z",
  "language": "en"
}

```



#### NEW QUESTION: 76

You have an app that analyzes images by using the Computer Vision API.

You need to configure the app to provide an output for users who are vision impaired. The solution must provide the output in complete sentences.

Which API call should you perform?

- A. `toggleImageInStreamAsync`
- B. `describeImageInStreamAsync`
- C. `analyzeImageByDomainInStreamAsync`
- D. `readInStreamAsync`

Answer: ([SHOW ANSWER](#))

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#### NEW QUESTION: 77

You are designing a conversation flow to be used in a chatbot.

You need to test the conversation flow by using the Microsoft Bot Framework Emulator.  
How should you complete the .chat file? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

```
user=User1
bot=watchbot
user: I want a new watch.
bot: [  ] [Delay=3000]
```

Attachment
ConversationUpdate
Typing

```
bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:
```

```
[AttachmentLayout=  ]
```

adaptivecard
carousel
thumbnail

```
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
user: I like the first one.
```

```
bot: Sure, pulling up more information.
bot: [Attachment=cards\watchProfileCard.json]
user: That's nice! Thank you.
bot: Sure, you are most welcome!
```

<input type="text"/>
adaptivecard
carousel
list

**Answer:**

```
user=User1
bot=watchbot
user: I want a new watch.
```



```
bot: [ ] [Delay=3000]
```

Attachment
ConversationUpdate
Typing

```
bot: I can help you with that! Let me see what I can find.
```

```
bot: Here's what I found.
```

```
bot:
```

```
[AttachmentLayout= ]
```

adaptivecard
carousel
thumbnail

```
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
```

```
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
```

```
user: I like the first one.
```

```
bot: Sure, pulling up more information.
```

```
bot: [Attachment=cards\watchProfileCard.json]
```

```
user: That's nice! Thank you.
```

```
bot: Sure, you are most welcome!
```

adaptivecard
carousel
list

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-add-media-attachments?view=azure-bot-service-4.0&tabs=csharp>

### NEW QUESTION: 78

You plan to provision a QnA Maker service in a new resource group named RG1.

In RG1, you create an App Service plan named AP1.

Which two Azure resources are automatically created in RG1 when you provision the QnA Maker service? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Language Understanding
- B. Azure SQL Database
- C. Azure Storage
- D. Azure Cognitive Search
- E. Azure App Service

**Answer: D,E (LEAVE A REPLY)**

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/set-up-qnamaker-service-azure?tabs=v1#delete-azure-resources>

"When you create a QnAMaker resource, you host the data in your own Azure subscription. Azure Search is used to index your data." & "When you create a QnAMaker resource, you host the runtime in your own Azure subscription. App Service is the compute engine that runs the QnA Maker queries for you."

Topic 1, Contoso, Ltd.

Infrastructure

Contoso has the following subscriptions:

- \* Azure
- \* Microsoft 365
- \* Microsoft Dynamics 365

Azure Active (Azure AD) Directory

Contoso has Azure Active Directory groups for securing role-based access. The company uses the following group naming conventions:

- \* |CountryJ-[Level]-[Role]
- \* [Level]-[Role]

Intellectual Property

Contoso has the intellectual property shown in the following table.

Content	Format	Language	Content store	Domain
Weekly webinars	Video	English	Azure Blob storage	Vid.contoso.com
Blogs	Text	English, French, Portuguese	WordPress	Pt-blog.contoso.com Blog.contoso.com Fr-blog.contoso.com
Wikis	Text	English, French, Portuguese	Azure Cosmos DB	Internal.contoso.com/wiki
Monthly conference recordings	Video	English	SharePoint Online	Contoso.sharepoint.com
Frequently asked questions (FAQs)	Text	English	SharePoint Online	Contoso.sharepoint.com

Text-based content is provided only in one language and is not translated.

Planned Projects

Contoso plans to develop the following:

- \* A document processing workflow to extract information automatically from PDFs and images of financial documents
- \* A customer-support chatbot that will answer questions by using FAQs
- \* A searchable knowledgebase of all the intellectual property

Technical Requirements

Contoso identifies the following technical requirements:

- \* All content must be approved before being published.
- \* All planned projects must support English, French, and Portuguese.
- \* All content must be secured by using role-based access control (RBAC).
- \* RBAC role assignments must use the principle of least privilege.
- \* RBAC roles must be assigned only to Azure Active Directory groups.
- \* AI solution responses must have a confidence score that is equal to or greater than 70 percent.

\* When the response confidence score of an AI response is lower than 70 percent, the response must be improved by human input.

#### Chatbot Requirements

Contoso identifies the following requirements for the chatbot:

- \* Provide customers with answers to the FAQs.
- \* Ensure that the customers can chat to a customer service agent.
- \* Ensure that the members of a group named Management-Accountants can approve the FAQs.
- \* Ensure that the members of a group named Consultant-Accountants can create and amend the FAQs.
- \* Ensure that the members of a group named the Agent-CustomerServices can browse the FAQs.
- \* Ensure that access to the customer service agents is managed by using Omnichannel for Customer Service.
- \* When the response confidence score is low. ensure that the chatbot can provide other response options to the customers.

#### Document Processing Requirements

Contoso identifies the following requirements for document processing:

- \* The document processing solution must be able to process standardized financial documents that have the following characteristics:
  - \* Contain fewer than 20 pages.
  - \* Be formatted as PDF or JPEG files.
  - \* Have a distinct standard for each office.
- \* The document processing solution must be able to extract tables and text from the financial documents.
- \* The document processing solution must be able to extract information from receipt images.
- \* Members of a group named Management-Bookkeeper must define how to extract tables from the financial documents.
- \* Members of a group named Consultant-Bookkeeper must be able to process the financial documents.

#### Knowledgebase Requirements

Contoso identifies the following requirements for the knowledgebase:

- \* Supports searches for equivalent terms
- \* Can transcribe jargon with high accuracy
- \* Can search content in different formats, including video
- \* Provides relevant links to external resources for further research

### **NEW QUESTION: 79**

You are developing a method that uses the Computer Vision client library. The method will perform optical character recognition (OCR) in images. The method has the following code.

```

public static async Task ReadFileUrl(ComputerVisionClient client, string urlFile)
{
    const int numberOfCharsInOperationId = 36;

    var txtHeaders = await client.ReadAsync(urlFile, language: "en");

    string opLocation = textHeaders.OperationLocation;
    string operationId = opLocation.Substring(opLocation.Length -
numberOfCharsInOperationId);

    ReadOperationResult results;

    results = await client.GetReadResultAsync(Guid.Parse(operationId));

    var textUrlFileResults = results.AnalyzeResult.ReadResults;
    foreach (ReadResult page in textUrlFileResults)
    {
        foreach (Line line in page.Lines)
        {
            Console.WriteLine(line.Text);
        }
    }
}

```

During testing, you discover that the call to the `GetReadResultAsync` method occurs before the read operation is complete.

You need to prevent the `GetReadResultAsync` method from proceeding until the read operation is complete.

Which two actions should you perform? Each correct answer presents part of the solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. Remove the `Guid.Parse(operationId)` parameter.
- B. Add code to verify the `results.Status` value.
- C. Add code to verify the status of the `txtHeaders.Status` value.
- D. Wrap the call to `GetReadResultAsync` within a loop that contains a delay.

**Answer: B,D (LEAVE A REPLY)**

Explanation

Example code :

```

do
{
    results = await client.GetReadResultAsync(Guid.Parse(operationId));
}
while ((results.Status == OperationStatusCodes.Running ||
results.Status == OperationStatusCodes.NotStarted));

```

Reference:

<https://github.com/Azure-Samples/cognitive-services-quickstart-code/blob/master/dotnet/ComputerVision/Comp>

### NEW QUESTION: 80

You have a Custom Vision resource named `acvdev` in a development environment.

You have a Custom Vision resource named `acvprod` in a production environment.

In `acvdev`, you build an object detection model named `obj1` in a project named `proj1`.

You need to move `obj1` to `acvprod`.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Use the <code>ExportProject</code> endpoint on <code>acvdev</code> .	
Use the <code>GetProjects</code> endpoint on <code>acvdev</code> .	
Use the <code>ImportProject</code> endpoint on <code>acvprod</code> .	⬅
Use the <code>ExportIteration</code> endpoint on <code>acvdev</code> .	➡
Use the <code>GetIterations</code> endpoint on <code>acvdev</code> .	
Use the <code>UpdateProject</code> endpoint on <code>acvprod</code> .	⬆
	⬆

**Answer:**

**Answer Area**

Use the <code>GetProjects</code> endpoint on <code>acvdev</code> .
Use the <code>ExportProject</code> endpoint on <code>acvdev</code> .
Use the <code>ImportProjects</code> endpoint on <code>acvprod</code> .

- 1 - Use the `GetProjects` endpoint on `acvdev`.
- 2 - Use the `ExportProject` endpoint on `acvdev`.
- 3 - Use the `ImportProjects` endpoint on `acvprod`.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-tutorial-pattern#what-did-this-tutorial-accomplish>

**NEW QUESTION: 81**

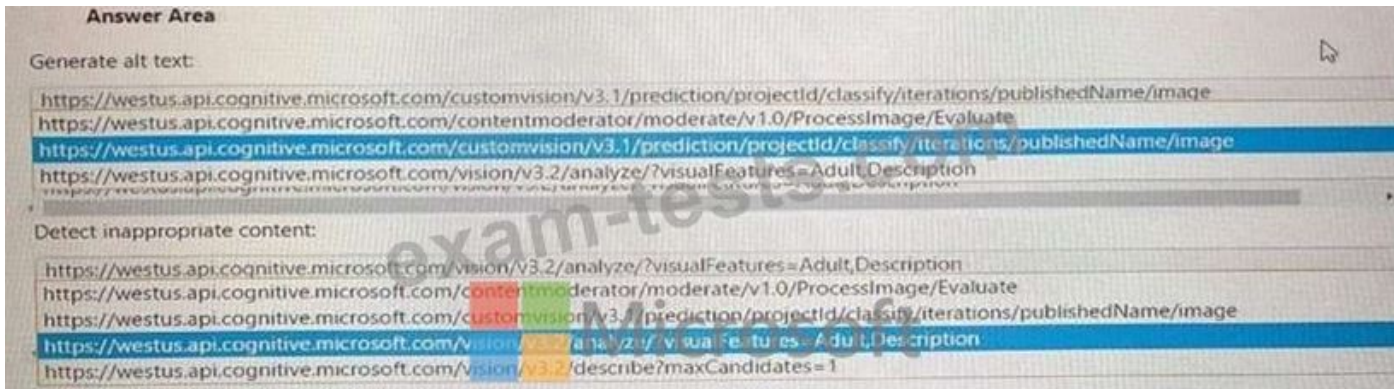
You are building an app that will enable users to upload images. The solution must meet the following requirements:

- \* Automatically suggest alt text for the images.
- \* Detect inappropriate images and block them.
- \* Minimize development effort.

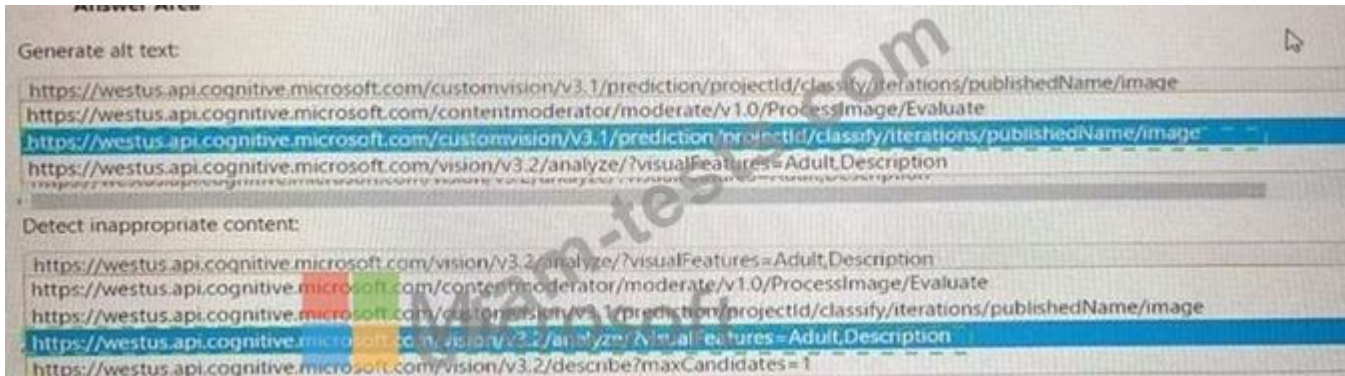
You need to recommend a computer vision endpoint for each requirement.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



**Answer:**



**NEW QUESTION: 82**

You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint.

The application has the following code.

```
static async void AddFace(string subscription_key, string personGroupId, string personId, string imageURI)
{
    var client = new HttpClient();
    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", subscription_key);
    var endpointURI = $"https://westus.api.cognitive.microsoft.com/face/v1.0/persongroups/{personGroupId}/persons/{personId}/persistedFaces";
    HttpResponseMessage response;
    var body = "{ \"url\": \"\" + imageURI + \"\"}";
    var content = new StringContent(body, encoding.UTF8, "application/json");
    var response = await client.PutAsync(endpointURI, content);
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input type="radio"/>	<input type="radio"/>
The code will work for a group of 10 000 people.	<input type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input checked="" type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input checked="" type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/use-persondirectory>

### NEW QUESTION: 83

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.

You need to add the new images to the classifier.

Solution: You add the new images and labels to the existing model. You retrain the model, and then publish the model.

Does this meet the goal?

A. Yes

B. No

**Answer: (SHOW ANSWER)**

The model needs to be extended and retrained.

Topic 1, Wide World Importers

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview

Existing Environment

A company named Wide World Importers is developing an e-commerce platform.

You are working with a solutions architect to design and implement the features of the e-commerce platform. The platform will use microservices and a serverless environment built on Azure.

Wide World Importers has a customer base that includes English, Spanish, and Portuguese speakers.

Applications

Wide World Importers has an App Service plan that contains the web apps shown in the following table.

Name	Description
Product Management	An app used by employees to create and manage products. The app and the expected inputs from the employees are in English.
Inventory Tracking	An app used by employees to manage inventory when dispatching orders, receiving refunds, and receiving consignments from suppliers.

## Azure Resources

You have the following resources:

An Azure Active Directory (Azure AD) tenant

The tenant supports internal authentication.

All employees belong to a group named AllUsers.

Senior managers belong to a group named LeadershipTeam.

An Azure Functions resource

A function app posts to Azure Event Grid when stock levels of a product change between OK, Low Stock, and Out of Stock. The function app uses the Azure Cosmos DB change feed.

An Azure Cosmos DB account

The account uses the Core (SQL) API.

The account stores data for the Product Management app and the Inventory Tracking app.

An Azure Storage account

The account contains blob containers for assets related to products.

The assets include images, videos, and PDFs.

An Azure Cognitive Services resource named wwics

A Video Indexer resource named wwivi

## Requirements

### Business Goals

Wide World Importers wants to leverage AI technologies to differentiate itself from its competitors.

### Planned Changes

Wide World Importers plans to start the following projects:

A product creation project: Help employees create accessible and multilingual product entries, while expediting product entry creation.

A smart e-commerce project: Implement an Azure Cognitive Search solution to display products for customers to browse.

A shopping on-the-go project: Build a chatbot that can be integrated into smart speakers to support customers.

### Business Requirements

Wide World Importers identifies the following business requirements for all the projects:

Provide a multilingual customer experience that supports English, Spanish, and Portuguese.

Whenever possible, scale based on transaction volumes to ensure consistent performance.

Minimize costs.

### Governance and Security Requirements

Wide World Importers identifies the following governance and security requirements:

Data storage and processing must occur in datacenters located in the United States.

Azure Cognitive Services must be inaccessible directly from the internet.

#### Accessibility Requirements

Wide World Importers identifies the following accessibility requirements:

All images must have relevant alt text.

All videos must have transcripts that are associated to the video and included in product descriptions.

Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

#### Product Creation Requirements

Wide World Importers identifies the following requirements for improving the Product Management app:

Minimize how long it takes for employees to create products and add assets.

Remove the need for manual translations.

#### Smart E-Commerce Requirements

Wide World Importers identifies the following requirements for the smart e-commerce project:

Ensure that the Cognitive Search solution meets a Service Level Agreement (SLA) of 99.9% availability for searches and index writes.

Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

Support autocompletion and autosuggestion based on all product name variants.

Store all raw insight data that was generated, so the data can be processed later.

Update the stock level field in the product index immediately upon changes.

Update the product index hourly.

#### Shopping On-the-Go Requirements

Wide World Importers identifies the following requirements for the shopping on-the-go chatbot:

Answer common questions.

Support interactions in English, Spanish, and Portuguese.

Replace an existing FAQ process so that all Q&A is managed from a central location.

Provide all employees with the ability to edit Q&As. Only senior managers must be able to publish updates.

Support purchases by providing information about relevant products to customers. Product displays must include images and warnings when stock levels are low or out of stock.

#### Product JSON Sample

You have the following JSON sample for a product.

```

{
  "sku": "b1",
  "name": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "stocklevel": "Out of Stock",
  "description": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "image":
  { "uri": "https://upload.worldwideimporters.org/bicycle.jpg",
    "alttext": {
      "en": "Bicycle",
      "es": "Bicicleta",
      "pt": "Bicicleta"
    }
  },
  "createdUtc": "2020-02-14T06:08:39Z",
  "language": "en"
}

```

**NEW QUESTION: 84**

You are developing the smart e-commerce project.

You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

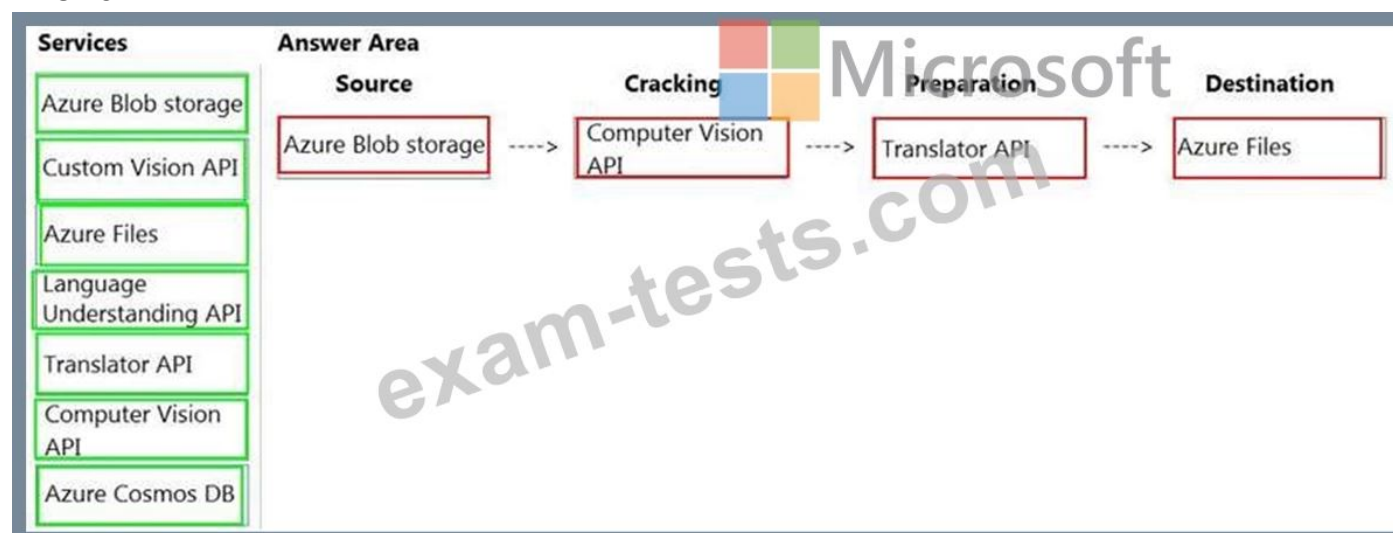
**services**

- Azure Blob storage
- Custom Vision API
- Azure Files
- Language Understanding API
- Translator API
- Computer Vision API
- Azure Cosmos DB

**Answer Area**

Source → Cracking → Preparation → Destination

**Answer:**



Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-concept-intro>

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr>

### NEW QUESTION: 85

You build a custom Form Recognizer model.

You receive sample files to use for training the model as shown in the following table.

Name	Type	Size
File1	PDF	20 MB
File2	MP4	100 MB
File3	JPG	20 MB
File4	PDF	100 MB
File5	GIF	1 MB
File6	JPG	40 MB

Which three files can you use to train the model? Each correct answer presents a complete solution. (Choose three.) NOTE: Each correct selection is worth one point.

- A. File1
- B. File2
- C. File3
- D. File4
- E. File5
- F. File6

**Answer: A,D,E (LEAVE A REPLY)**

Explanation

Input requirements

Form Recognizer works on input documents that meet these requirements:

Format must be JPG, PNG, PDF (text or scanned), or TIFF. Text-embedded PDFs are best because there's no possibility of error in character extraction and location.

File size must be less than 50 MB.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/form-recognizer/overview>

### NEW QUESTION: 86

You are developing a text processing solution.

You have the function shown below.

```
static void GetKeywords(TextAnalyticsClient textAnalyticsClient, string text)
{
    var response = textAnalyticsClient.RecognizeEntities (text);
    Console.WriteLine("Key words:");

    foreach (CategorizedEntity entity in response.Value)
    {
        Console.WriteLine($"{entity.Text}");
    }
}
```

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	<input type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The function will output all the key phrases from the input string to the console.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### NEW QUESTION: 87

You are building an app that will scan confidential documents and use the Language service to analyze the contents.

You provision an Azure Cognitive Services resource.

You need to ensure that the app can make requests to the Language service endpoint. The solution must ensure that confidential documents remain on-premises.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Pull an image from Docker HUB
- Provision an on-premises Kubernetes cluster that has internet connectivity.
- Provision an Azure Kubernetes Service (AKS) resource.
- Run the container and specify an App ID and Client Secret.
- Provision an on-premises Kubernetes cluster that is isolated from the internet.
- Pull an image from the Microsoft Container Registry (MCR)
- Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

Answer Area

Three arrows (up, down, refresh) are visible on the right side of the answer area.

**Answer:**

The screenshot shows an exam question interface. On the left, under the heading "Actions", there is a list of six tasks: "Pull an image from Docker Hub.", "Provision an on-premises Kubernetes cluster that has internet connectivity.", "Provision an Azure Kubernetes Service (AKS) resource.", "Run the container and specify an App ID and Client Secret.", "Provision an on-premises Kubernetes cluster that is isolated from the internet.", and "Pull an image from the Microsoft Container Registry (MCR).". On the right, under the heading "Answer Area", there is a list of three tasks: "Provision an on-premises Kubernetes cluster that is isolated from the internet.", "Pull an image from the Microsoft Container Registry (MCR).", and "Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.". Navigation arrows are visible between the two sections.

**Explanation**

This screenshot is identical to the one above, but the correct answer in the "Answer Area" is highlighted in blue. The first task, "Provision an on-premises Kubernetes cluster that is isolated from the internet.", is the selected answer. The other two tasks are not highlighted.

**NEW QUESTION: 88**

You are examining the Text Analytics output of an application.

The text analyzed is: "Our tour guide took us up the Space Needle during our trip to Seattle last week." The response contains the data shown in the following table.

Text	Category	ConfidenceScore
Tour guide	PersonType	0.45
Space Needle	Location	0.38
Trip	Event	0.78
Seattle	Location	0.78
Last week	DateTime	0.80

Which Text Analytics API is used to analyze the text?

- A. Sentiment Analysis
- B. Key Phrase Extraction
- C. Named Entity Recognition
- D. Entity Linking

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 89**

You are building a chatbot that will provide information to users as shown in the following exhibit.

**Passengers**

Sarah Hum  
Jeremy Goldberg  
Evan Litvak

**2 Stops**

**Tue, May 30, 2017 10:25 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS



SFO  
AMS

**Non-Stop**

**Fri, Jun 2, 2017 11:55 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS

SFO  
AMS

Total

**\$4,032.54**

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

### Answer Area

The chatbot is showing [answer choice].

- an Adaptive Card
- a Hero Card
- a Thumbnail Card

The card includes [answer choice].

- an action set
- an image
- an image group
- media

Answer:

### Answer Area

The chatbot is showing [answer choice].

- an Adaptive Card
- a Hero Card
- a Thumbnail Card

The card includes [answer choice].

- an action set
- an image
- an image group
- media

Explanation

Box 1: Adaptive card

Box 2: an image

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference>

<https://docs.microsoft.com/en-us/composer/how-to-send-cards?tabs=v1x>

### NEW QUESTION: 90

You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint.

The application has the following code.

```

static async void AddFace(string subscription_key, string personGroupId, string personId, string imageURI)
{
    var client = new HttpClient();
    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", subscription_key);
    var endpointURI = $"https://westus.api.cognitive.microsoft.com/face/v1.0/persongroups/{personGroupId}/persons/{personId}/persistedFaces";
    HttpResponseMessage response;
    var body = "{ \"url\": \"" + imageURI + "\"}";
    var content = new StringContent(body, Encoding.UTF8, "application/json");
    var response = await client.PutAsync(endpointURI, content);
}

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input checked="" type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input type="radio"/>	<input checked="" type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:  
<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/use-persondirectory>

**NEW QUESTION: 91**

You need to develop an automated call handling system that can respond to callers in their own language. The system will support only French and English.

Which Azure Cognitive Services service should you use to meet each requirement? To answer, drag the appropriate services to the correct requirements. Each service may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

## Services

ANSWER AREA

Speaker Recognition

Speech to Text

Text Analytics

Text to Speech

Translator

Detect the incoming language:



Microsoft

Respond in the callers' own language:

Answer:

## Services

ANSWER AREA

Speaker Recognition

Speech to Text

Text Analytics

Text to Speech

Translator

Detect the incoming language:

Text Analytics

Respond in the callers' own language:

Translator



Microsoft

Explanation

Text Description automatically generated with low confidence

Detect the incoming language: Text Analytics

Respond in the callers' own language: Translator

Box 1: Text Analytics

The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.

Box 2: Translator

Translator is a cloud-based neural machine translation service that is part of the Azure Cognitive Services family of REST APIs. Translator can be used with any operating system and powers many Microsoft products and services used by thousands of businesses worldwide to perform language translation and other language-related operations.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-language>

<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/translator-overview>

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#### **NEW QUESTION: 92**

Which database transaction property ensures that individual transactions are executed only once and either succeed in their entirety or roll back?

- A. atomicity
- B. consistency
- C. durability
- D. isolation

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 93**

You create a bot by using the Microsoft Bot Framework SDK.

You need to configure the bot to respond to events by using custom text responses.

What should you use?

- A. a dialog
- B. an adaptive card
- C. an activity handler
- D. a skill

**Answer: C** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 94**

You are building a chatbot that will provide information to users as shown in the following exhibit.

**Passengers**



Sarah Hum  
Jeremy Goldberg  
Evan Litvak

**2 Stops**

**Tue, May 30, 2017 10:25 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS

SFO  
AMS

**Non-Stop**

**Fri, Jun 2, 2017 11:55 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS

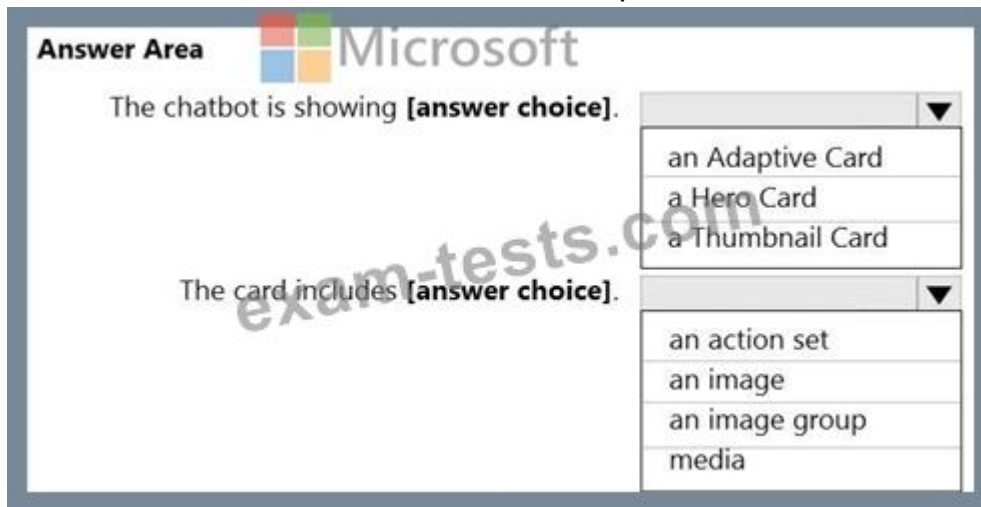
SFO  
AMS

Total

**\$4,032.54**

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

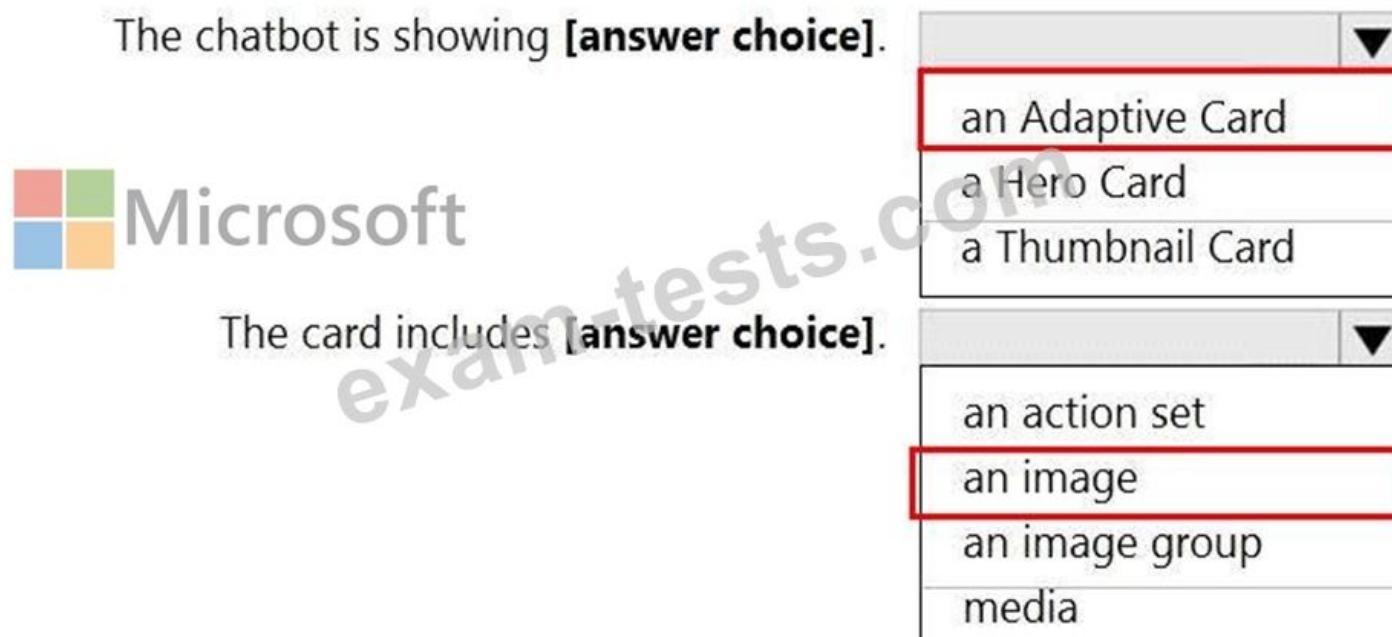
NOTE: Each correct selection is worth one point.



The screenshot shows a Microsoft interface with the text "The chatbot is showing [answer choice]." and "The card includes [answer choice]." Each statement is followed by a drop-down menu. The first menu has three options: "an Adaptive Card", "a Hero Card", and "a Thumbnail Card". The second menu has four options: "an action set", "an image", "an image group", and "media".

Answer:

Answer Area



The screenshot shows the same Microsoft interface as above. In this version, the correct answers are highlighted with red boxes. The first drop-down menu has "an Adaptive Card" selected. The second drop-down menu has "an image" selected.

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference>

<https://docs.microsoft.com/en-us/composer/how-to-send-cards?tabs=v1x>

### NEW QUESTION: 95

You are using a Language Understanding service to handle natural language input from the users of a web-based customer agent.

The users report that the agent frequently responds with the following generic response: "Sorry, I don't understand that." You need to improve the ability of the agent to respond to requests.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

Actions	Answer Area
Add prebuilt domain models as required.	
Validate the utterances logged for review and modify the model.	
Migrate authoring to an Azure resource authoring key.	
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

**Answer:**

Actions	Answer Area
Add prebuilt domain models as required.	Add prebuilt domain models as required.
Validate the utterances logged for review and modify the model.	Enable active learning.
Migrate authoring to an Azure resource authoring key.	Train and republish the Language Understanding model.
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

Explanation:

Step 1: Add prebuilt domain models as required.

Prebuilt models provide domains, intents, utterances, and entities. You can start your app with a prebuilt model or add a relevant model to your app later.

Note: Language Understanding (LUIS) provides prebuilt domains, which are pre-trained models of intents and entities that work together for domains or common categories of client applications.

The prebuilt domains are trained and ready to add to your LUIS app. The intents and entities of a prebuilt domain are fully customizable once you've added them to your app.

Step 2: Enable active learning

To enable active learning, you must log user queries. This is accomplished by calling the endpoint query with the `log=true` querystring parameter and value.

Step 3: Train and republish the Language Understanding model

The process of reviewing endpoint utterances for correct predictions is called Active learning. Active learning captures endpoint queries and selects user's endpoint utterances that it is unsure of. You review these utterances to select the intent and mark entities for these real-world utterances. Accept these changes into your example utterances then train and publish. LUIS then identifies utterances more accurately.

Incorrect Answers:

Enable log collection by using Log Analytics

Application authors can choose to enable logging on the utterances that are sent to a published application. This is not done through Log Analytics.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-review-endpoint-utterances#log-user-queries-to-enable-active-learning>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-prebuilt-model>

### NEW QUESTION: 96

You are developing an application that will use Azure Cognitive Search for internal documents.

You need to implement document-level filtering for Azure Cognitive Search.

Which three actions should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Send Azure AD access tokens with the search request.
- B. Retrieve all the groups.
- C. Retrieve the group memberships of the user.
- D. Add allowed groups to each index entry.
- E. Create one index per group.
- F. Supply the groups as a filter for the search requests.

**Answer: C,D,F (LEAVE A REPLY)**

Explanation

Your documents must include a field specifying which groups have access. This information becomes the filter criteria against which documents are selected or rejected from the result set returned to the issuer.

D: A query request targets the documents collection of a single index on a search service.

CF: In order to trim documents based on `group_ids` access, you should issue a search query with a `group_ids/any(g:search.in(g, 'group_id1, group_id2,...'))` filter, where `'group_id1, group_id2,...'` are the groups to which the search request issuer belongs.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-security-trimming-for-azure-search>

### NEW QUESTION: 97

You are developing a text processing solution.

You have the function shown below.

```

static void GetKeywords(TextAnalyticsClient textAnalyticsClient, string text)
{
    var response = textAnalyticsClient.RecognizeEntities (text);
    Console.WriteLine("Key words:");

    foreach (CategorizedEntity entity in response.Value)
    {
        Console.WriteLine($"{entity.Text}");
    }
}

```

Statements	Yes	No
The output will include the following words: our and included.	<input type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
The output will include the following words: our and included.	<input checked="" type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input checked="" type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION: 98**

You are reviewing the design of a chatbot. The chatbot includes a language generation file that contains the following fragment.

```

# Greet(user)
- ${Greeting()}, ${user.name}

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
<code>\${user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input type="radio"/>
<code>Greet()</code> is the name of the language generation template.	<input type="radio"/>	<input type="radio"/>
<code>\${Greeting() }</code> is a reference to a template in the language generation file.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
<code>{user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input checked="" type="radio"/>
<code>Greet ()</code> is the name of the language generation template.	<input type="radio"/>	<input checked="" type="radio"/>
<code>{Greeting ()}</code> is a reference to a template in the language generation file.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/composer/how-to-ask-for-user-input>

### NEW QUESTION: 99

You have an Azure Cognitive Search resource named Search 1 that is used by multiple apps. You need to secure Search 1. The solution must meet the following requirements:

- \* Prevent access to Search1 from the internet.
- \* Limit the access of each app to specific queries.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct answer is worth one point.

Answer:

### NEW QUESTION: 100

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.

You plan to create a new Azure Cognitive Search service named service1.

You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.

Solution: You deploy service1 and a public endpoint, and you configure a network security group (NSG) for vnet1.

Does this meet the goal?

A. Yes

B. No

**Answer: A (LEAVE A REPLY)**

Explanation

<https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview#network-security-groups>

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-overview>

### NEW QUESTION: 101

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input type="radio"/>
Normalizing a database reduces data redundancy.	<input type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input checked="" type="radio"/>
Normalizing a database reduces data redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION: 102

You develop an app in O named App1 that performs speech-to-speech translation.

You need to configure App1 to translate English to German.

How should you complete the speechTransiationConf ig object? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

- addTargetLanguage
- speechSynthesisLanguage
- speechRecognitionLanguage
- voiceName

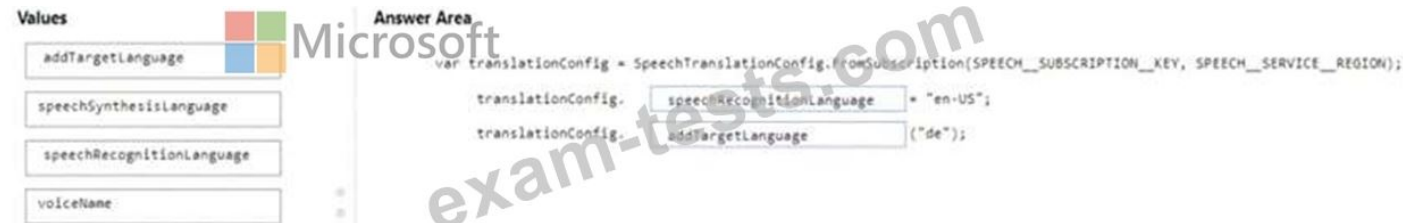
Answer Area

```
var translationConfig = SpeechTranslationConfig.FromSubscriptionKey(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);  
translationConfig. _____ = "en-US";  
translationConfig. _____ ("de");
```

**Answer:**



### Explanation



### NEW QUESTION: 103

You build a conversational bot named bot1.

You need to configure the bot to use a QnA Maker application.

From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

- A. Access control (IAM)
- B. Properties
- C. Identity
- D. Keys and Endpoint

**Answer: (SHOW ANSWER)**

Topic 1, Wide World Importers

Existing Environment

A company named Wide World Importers is developing an e-commerce platform.

You are working with a solutions architect to design and implement the features of the e-commerce platform. The platform will use microservices and a serverless environment built on Azure.

Wide World Importers has a customer base that includes English, Spanish, and Portuguese speakers.

Applications

Wide World Importers has an App Service plan that contains the web apps shown in the following table.

Name	Description
Product Management	An app used by employees to create and manage products. The app and the expected inputs from the employees are in English.
Inventory Tracking	An app used by employees to manage inventory when dispatching orders, receiving refunds, and receiving consignments from suppliers.

Azure Resources

You have the following resources:

An Azure Active Directory (Azure AD) tenant

The tenant supports internal authentication.

All employees belong to a group named AllUsers.

Senior managers belong to a group named LeadershipTeam.

An Azure Functions resource

A function app posts to Azure Event Grid when stock levels of a product change between OK, Low Stock, and Out of Stock. The function app uses the Azure Cosmos DB change feed.

An Azure Cosmos DB account

The account uses the Core (SQL) API.

The account stores data for the Product Management app and the Inventory Tracking app.

An Azure Storage account

The account contains blob containers for assets related to products.

The assets include images, videos, and PDFs.

An Azure Cognitive Services resource named wwics

A Video Indexer resource named wwivi

Requirements

Business Goals

Wide World Importers wants to leverage AI technologies to differentiate itself from its competitors.

Planned Changes

Wide World Importers plans to start the following projects:

A product creation project: Help employees create accessible and multilingual product entries, while expediting product entry creation.

A smart e-commerce project: Implement an Azure Cognitive Search solution to display products for customers to browse.

A shopping on-the-go project: Build a chatbot that can be integrated into smart speakers to support customers.

Business Requirements

Wide World Importers identifies the following business requirements for all the projects:

Provide a multilingual customer experience that supports English, Spanish, and Portuguese.

Whenever possible, scale based on transaction volumes to ensure consistent performance.

Minimize costs.

Governance and Security Requirements

Wide World Importers identifies the following governance and security requirements:

Data storage and processing must occur in datacenters located in the United States.

Azure Cognitive Services must be inaccessible directly from the internet.

Accessibility Requirements

Wide World Importers identifies the following accessibility requirements:

All images must have relevant alt text.

All videos must have transcripts that are associated to the video and included in product descriptions.

Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

Product Creation Requirements

Wide World Importers identifies the following requirements for improving the Product Management app:

Minimize how long it takes for employees to create products and add assets.

Remove the need for manual translations.

Smart E-Commerce Requirements

Wide World Importers identifies the following requirements for the smart e-commerce project:

Ensure that the Cognitive Search solution meets a Service Level Agreement (SLA) of 99.9% availability for searches and index writes.

Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

Support autocompletion and autosuggestion based on all product name variants.

Store all raw insight data that was generated, so the data can be processed later.

Update the stock level field in the product index immediately upon changes.

Update the product index hourly.

Shopping On-the-Go Requirements

Wide World Importers identifies the following requirements for the shopping on-the-go chatbot:

Answer common questions.

Support interactions in English, Spanish, and Portuguese.

Replace an existing FAQ process so that all Q&A is managed from a central location.

Provide all employees with the ability to edit Q&As. Only senior managers must be able to publish updates.

Support purchases by providing information about relevant products to customers. Product displays must include images and warnings when stock levels are low or out of stock.

Product JSON Sample

You have the following JSON sample for a product.

```
{
  "sku": "b1",
  "name": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "stocklevel": "Out of Stock",
  "description": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "image": {
    "uri": "https://upload.worldwideimporters.org/bicycle.jpg",
    "alttext": {
      "en": "Bicycle",
      "es": "Bicicleta",
      "pt": "Bicicleta"
    }
  },
  "createdUtc": "2020-02-14T06:08:39Z",
  "language": "en"
}
```



#### NEW QUESTION: 104

You have a Custom Vision resource named acvdev in a development environment.

You have a Custom Vision resource named acvprod in a production environment.

In acvdev, you build an object detection model named obj1 in a project named proj1.

You need to move obj1 to acvprod.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

- Use the ExportProject endpoint on acvdev.
- Use the GetProjects endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.
- Use the ExportIteration endpoint on acvdev.
- Use the GetIterations endpoint on acvdev.
- Use the UpdateProject endpoint on acvprod.

**Answer Area**

Navigation icons: left arrow, right arrow, up arrow, down arrow.

**Answer:**

**Answer Area**

- Use the GetProjects endpoint on acvdev.
- Use the ExportProject endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.

- 1 - Use the GetProjects endpoint on acvdev.
- 2 - Use the ExportProject endpoint on acvdev.
- 3 - Use the ImportProject endpoint on acvprod.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-tutorial-pattern#what-did-this-tutorial-accomplish>

### NEW QUESTION: 105

You plan to build a chatbot to support task tracking.

You create a Conversational Language Understanding service named lu1.

You need to build a Conversational Language Understanding model to Integrate into the chatbot. The solution must minimize development time to build the model.

Which four actions should you perform In sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

- Add the prebuilt domain ToDo.
- Add a new application.
- Add example utterances.
- Train the application.
- Publish the application.

**Answer Area**

Navigation icons: left arrow, right arrow, up arrow, down arrow.

**Answer:**

**Actions**

- Add the prebuilt domain ToDo.
- Add a new application.
- Add example utterances.
- Train the application.
- Publish the application.

**Answer Area**

- Add a new application.
- Add example utterances.
- Train the application.
- Publish the application.

**Explanation**

**Actions**

- Add the prebuilt domain ToDo.

**Answer Area**

- 1 Add a new application.
- 2 Add example utterances.
- 3 Train the application.
- 4 Publish the application.

**NEW QUESTION: 106**

You are using a Language Understanding service to handle natural language input from the users of a web-based customer agent.

The users report that the agent frequently responds with the following generic response: "Sorry, I don't understand that." You need to improve the ability of the agent to respond to requests.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

**Actions**

- Add prebuilt domain models as required.
- Validate the utterances logged for review and modify the model.
- Migrate authoring to an Azure resource authoring key.
- Enable active learning.
- Enable log collection by using Log Analytics.
- Train and republish the Language Understanding model.

**Answer Area**

**Answer:**

Actions	Answer Area
Add prebuilt domain models as required.	Enable active learning.
Validate the utterances logged for review and modify the model.	Validate the utterances logged for review and modify the model.
Migrate authoring to an Azure resource authoring key.	Train and republish the Language Understanding model.
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

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#### NEW QUESTION: 107

You are developing the knowledgebase.

You use Azure Video Analyzer for Media (previously Video indexer) to obtain transcripts of webinars.

You need to ensure that the solution meets the knowledgebase requirements.

What should you do?

- A. Create a custom language model
- B. Configure audio indexing for videos only
- C. Enable multi-language detection for videos
- D. Build a custom Person model for webinar presenters

**Answer: B (LEAVE A REPLY)**

Explanation

Can search content in different formats, including video

Audio and video insights (multi-channels). When indexing by one channel, partial result for those models will be available.

Keywords extraction: Extracts keywords from speech and visual text.

Named entities extraction: Extracts brands, locations, and people from speech and visual text via natural language processing (NLP).

Topic inference: Makes inference of main topics from transcripts. The 2nd-level IPTC taxonomy is included.

Artifacts: Extracts rich set of "next level of details" artifacts for each of the models.

Sentiment analysis: Identifies positive, negative, and neutral sentiments from speech and visual text.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-video-analyzer/video-analyzer-for-media-docs/video-indexer-overv>

### NEW QUESTION: 108

You plan to use a Language Understanding application named app1 that is deployed to a container.

App1 was developed by using a Language Understanding authoring resource named lu1.

App1 has the versions shown in the following table.

Version	Trained date	Published date
V1.2	None	None
V1.1	2020-10-01	None
V1.0	2020-09-01	2020-09-15

You need to create a container that uses the latest deployable version of app1.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

**Actions**

- Run a container that has version set as an environment variable.
- Export the model by using the Export as JSON option.
- Select v1.1 of app1.
- Run a container and mount the model file.
- Select v1.0 of app1.
- Export the model by using the Export for containers (GZIP) option.
- Select v1.2 of app1.

**Answer Area**

**Answer:**

**QUESTIONS**

**ANSWER AREA**

Run a container that has version set as an environment variable.

Export the model by using the Export for containers (GZIP) option.

Export the model by using the Export as JSON option.

Select v1.1 of app1.

Select v1.1 of app1.

Run a container and mount the model file.

Run a container and mount the model file.

Select v1.0 of app1.

Export the model by using the Export for containers (GZIP) option.

Select v1.2 of app1.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-container-howto>

**NEW QUESTION: 109**

You are building a customer support chatbot.

You need to configure the bot to identify the following:

- \* Code names for internal product development
- \* Messages that include credit card numbers

The solution must minimize development effort.

Which Azure Cognitive Service for Language feature should you use for each requirement? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content NOTE: Each correct selection is worth one point.

The screenshot shows an exam question interface with two main panes: 'Features' and 'Answer Area'. The 'Features' pane contains a list of six options: Custom named entity recognition (NER), Key phrase extraction, Language detection, Named Entity Recognition (NER), Personally identifiable information (PII) detection, and Sentiment analysis. The 'Answer Area' contains two requirements: 'Identify code names for internal product development:' and 'Identify messages that include credit card numbers:'. Each requirement has an empty text box next to it for the user to drag a feature from the list.

**Answer:**



Explanation

D:\mudassar\Untitled.jpg



### NEW QUESTION: 110

You are building a chatbot for a Microsoft Teams channel by using the Microsoft Bot Framework SDK. The chatbot will use the following code.

```
protected override async Task OnMembersAddedAsync(IList<ChannelAccount>
membersAdded, ITurnContext<IConversationUpdateActivity> turnContext,
Cancellation token cancellationToken)
{
    foreach (var member in membersAdded)
        if (member.Id != turnContext.Activity.Recipient.Id)
            await turnContext.SendActivityAsync($"Hi there - {member.Name}.
{WelcomeMessage}", cancellationToken: cancellationToken);
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	OnMembersAddedAsync will be triggered when a user joins the conversation.	<input type="radio"/>	<input type="radio"/>
	When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	<input type="radio"/>	<input type="radio"/>
	OnMembersAddedAsync will be initialized when a user sends a message.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area	Statements	Yes	No
	OnMembersAddedAsync will be triggered when a user joins the conversation.	<input checked="" type="radio"/>	<input type="radio"/>
	When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	<input checked="" type="radio"/>	<input type="radio"/>
	OnMembersAddedAsync will be initialized when a user sends a message.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.bot.builder.activityhandler.onmembersaddedasync?view=botbuilder-dotnet-stable>

### NEW QUESTION: 111

You have an Azure subscription that contains a Language service resource named ta1 and a virtual network named vnet1. You need to ensure that only resources in vnet1 can access ta1. What should you configure?

- A. the virtual network settings for ta 1
- B. Azure Firewall for vnet1
- C. a Language service container for ta1
- D. a network security group (NSG) for vnet1

**Answer: B** ([LEAVE A REPLY](#))

### NEW QUESTION: 112

You are developing the knowledgebase by using Azure Cognitive Search. You need to meet the knowledgebase requirements for searching equivalent terms. What should you include in the solution?

- A. a synonym map
- B. a suggester
- C. a custom analyzer
- D. a built-in key phrase extraction skill

**Answer: A** ([LEAVE A REPLY](#))

Within a search service, synonym maps are a global resource that associate equivalent terms, expanding the scope of a query without the user having to actually provide the term. For example, assuming "dog", "canine", and "puppy" are mapped synonyms, a query on "canine" will match on a document containing "dog".

Create synonyms: A synonym map is an asset that can be created once and used by many indexes.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-synonyms>

### NEW QUESTION: 113

Select the answer that correctly completes the sentence.

Answer Area



A block of code that runs in a database is called

- a stored procedure.
- a table.
- a view.
- an index.

**Answer:**

Answer Area



A block of code that runs in a database is called

- a stored procedure.
- a table.
- a view.
- an index.

### NEW QUESTION: 114

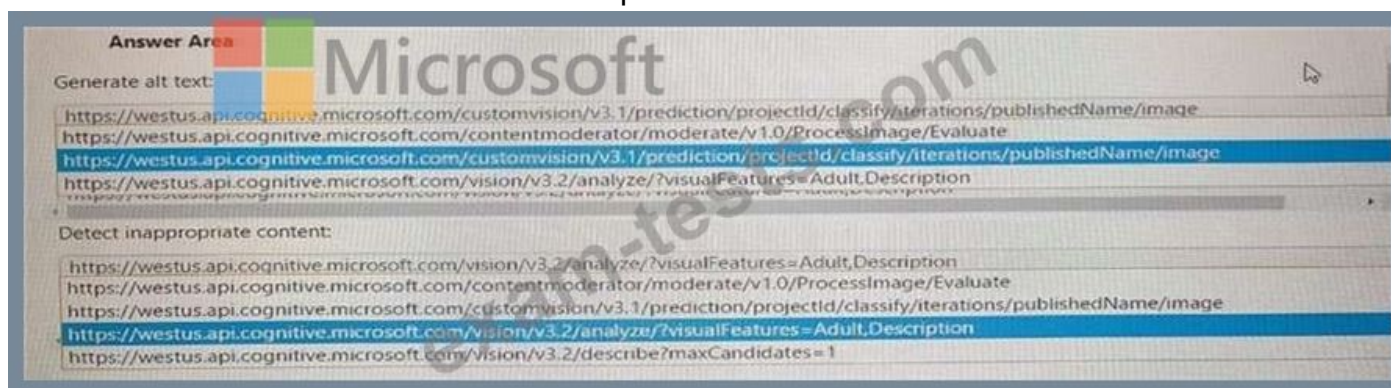
You are building an app that will enable users to upload images. The solution must meet the following requirements:

- \* Automatically suggest alt text for the images.
- \* Detect inappropriate images and block them.
- \* Minimize development effort.

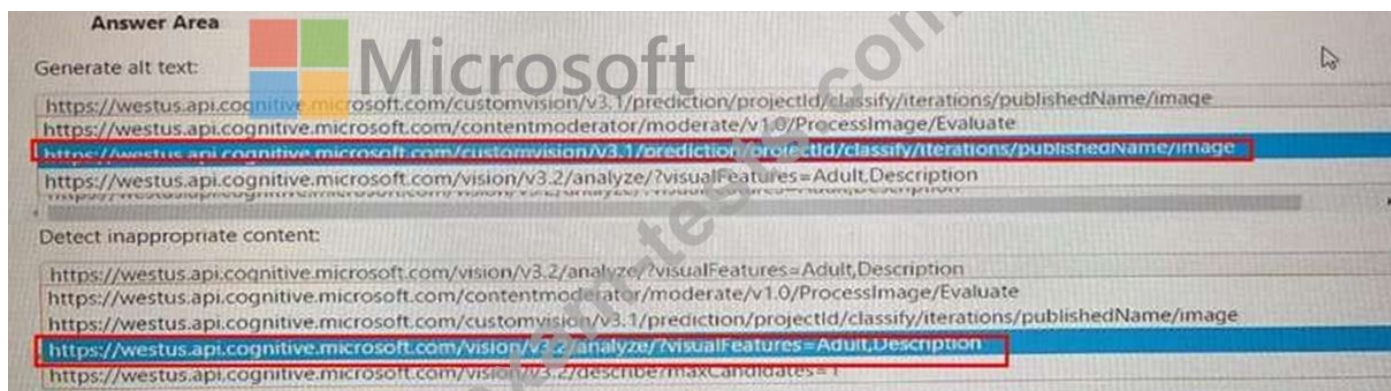
You need to recommend a computer vision endpoint for each requirement.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:



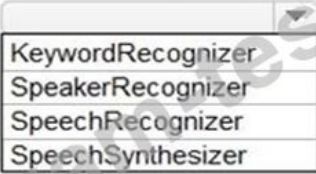
### NEW QUESTION: 115

You are developing a streaming Speech to Text solution that will use the Speech SDK and MP3 encoding. You need to develop a method to convert speech to text for streaming MP3 data.

How should you complete the code? To answer, select the appropriate options in the answer area.

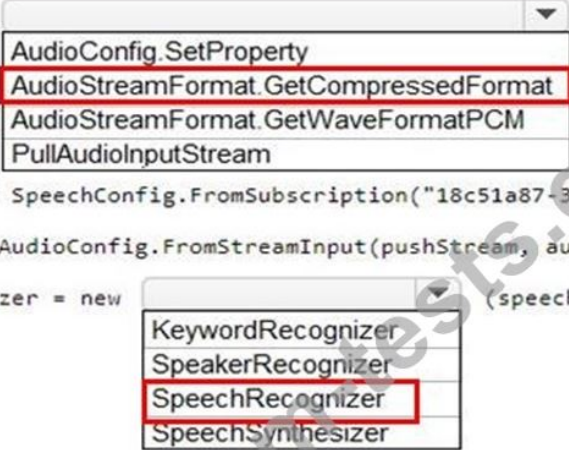
NOTE: Each correct selection is worth one point.

```
var audioFormat = (AudioStreamContainerFormat.MP3);
var speechConfig = SpeechConfig.FromSubscription("18c51a87-3a69-47a8-aedc-a54745f708a1", "westus");
var audioConfig = AudioConfig.FromStreamInput(pushStream, audioFormat);
using (var recognizer = new (speechConfig, audioConfig))
{
    var result = await recognizer.RecognizeOnceAsync();
    var text = result.Text;
}
```



**Answer:**

```
var audioFormat = (AudioStreamContainerFormat.MP3);
var speechConfig = SpeechConfig.FromSubscription("18c51a87-3a69-47a8-aedc-a54745f708a1", "westus");
var audioConfig = AudioConfig.FromStreamInput(pushStream, audioFormat);
using (var recognizer = new (speechConfig, audioConfig))
{
    var result = await recognizer.RecognizeOnceAsync();
    var text = result.Text;
}
```



Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/how-to-use-codec-compressed-audio-input-streams?tabs=debian&pivots=programming-language-csharp>

### NEW QUESTION: 116

You are developing the chatbot.

You create the following components:

- \* A Qna Maker resource
- \* A chatbot by using the Azure Bot Framework SDK.

You need to integrate the components to meet the chatbot requirements.

Which property should you use?

- A. QnADialogResponseOptions.CardNoMatchText
- B. Qna MakerOptions-ScoreThreshold
- C. QnaMakerOptions.RankerType
- D. Qna Maker Op t ions StrickFilters

Answer: C ([LEAVE A REPLY](#))

**NEW QUESTION: 117**

You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.

The screenshot displays the Microsoft Bot Framework Composer interface. On the left, a dialog flow is shown starting with a 'BeginDialog' event. The flow includes:
 

- A 'Bot Asks (Text)' step with the prompt 'What is your name?'.
- A 'User Input (Text)' step with the configuration 'user.name = Input(Text)'.
- A 'Bot Asks (Number)' step with the prompt 'Hello \$user.name, how old are you?'.
- A 'User Input (Number)' step with the configuration 'user.age = Input(Number)'.

 On the right, the configuration panel for the selected 'Text input' prompt is visible. It includes:
 

- Property: 'string' (dropdown), value: 'user.name'.
- Output Format: 'string' (dropdown), value: 'ex = toUpper(this.value), \$(toUpper(this.value))'.
- Value: 'expression' (dropdown), value: 'fx = coalesce(@user.Name.@personName)'.
- Expected responses (intent): '#TextInput\_Response\_GH5FTe'.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

**Answer Area**  **Statements**

	Yes	No
<code>user.name</code> is an entity.	<input type="radio"/>	<input type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the <code>user.name</code> and <code>user.age</code> properties.	<input type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for <code>userName</code> or <code>personName</code> and assigns the value to <code>user.name</code> .	<input type="radio"/>	<input type="radio"/>

**Answer:**

**Answer Area**  **Statements**

	Yes	No
<code>user.name</code> is an entity.	<input type="radio"/>	<input checked="" type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the <code>user.name</code> and <code>user.age</code> properties.	<input checked="" type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for <code>userName</code> or <code>personName</code> and assigns the value to <code>user.name</code> .	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/composer/concept-language-generation>

<https://docs.microsoft.com/en-us/azure/data-explorer/kusto/query/coalescefuction>

**NEW QUESTION: 118**

Select the answer that correctly completes the sentence.

**Answer Area**  **Statements**

When provisioning an Azure Cosmos DB  , you need to specify which type of API you will use.

**Answer:**

**Answer Area**  **Statements**

When provisioning an Azure Cosmos DB  , you need to specify which type of API you will use.

**NEW QUESTION: 119**

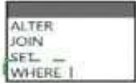
Select the answer that correctly completes the sentence.

**Answer Area**  **Statements**

The  clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.


**Answer:**

Answer Area

The  clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

## Explanation

Answer Area

The  clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

## NEW QUESTION: 120

You have a question answering project in Azure Cognitive Service for Language.

You need to move the project to a Language service instance in a different Azure region.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- From the new Language service instance, import the project file.
- From the new Language service instance, enable custom text classification.
- From the new Language service instance, train and publish the project.
- From the original Language service instance, export the existing project.
- From the new Language service instance, regenerate the keys.
- From the original Language service instance, train and publish the model.

Answer Area



Answer:

Actions

- From the new Language service instance, import the project file.
- From the new Language service instance, enable custom text classification.
- From the new Language service instance, train and publish the project.
- From the original Language service instance, export the existing project.
- From the new Language service instance, regenerate the keys.
- From the original Language service instance, train and publish the model.

Answer Area



## Explanation

Actions

- From the new Language service instance, import the project file.
- From the new Language service instance, enable custom text classification.
- From the new Language service instance, train and publish the project.

Answer Area

- From the original Language service instance, export the existing project.
- From the new Language service instance, regenerate the keys.
- From the original Language service instance, train and publish the model.



## NEW QUESTION: 121

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.

A conversational expert provides you with the following list of phrases to use for training.

Find contacts in London. Who do I know in Seattle?

Search for contacts in Ukraine.

You need to implement the phrase list in Language Understanding.

Solution: You create a new intent for location.

Does this meet the goal?

A. Yes

B. No

**Answer: A (LEAVE A REPLY)**

An intent represents a task or action the user wants to perform. It is a purpose or goal expressed in a user's utterance.

Define a set of intents that corresponds to actions users want to take in your application. Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-intent>

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#### NEW QUESTION: 122

You have a text-based chatbot.

You need to enable content moderation by using the Text Moderation API of Content Moderator. Which two service responses should you use? Each correct answer presents part of the solution NOTE: Each correct selection is worth one point.

A. personal data

B. optical character recognition (OCR)

C. text classification

D. the racy classification score

E. the adult classification score

**Answer: A,B (LEAVE A REPLY)**

#### NEW QUESTION: 123

You have a bot that was built by using the Microsoft Bot Framework composer as shown in the following exhibit.

The screenshot displays the Microsoft Bot Framework Composer interface. On the left, a flowchart shows a 'GetWeather' intent recognized, leading to a 'Send a response' action with the code `!!SendActivity_SuggestedGetWeather(Content)`. On the right, the configuration for the 'GetWeather' intent is shown, including a text input field for 'Add a note' and a list of trigger phrases: '- please tell me the weather' and '- what is the weather like in {city=Seattle}', with a corresponding entity definition for '# ml city'.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

If a user asks "what is the weather like in New York", the bot will [answer choice]

The GetWeather dialog uses a [answer choice] trigger.

Microsoft

identify New York as a city entity  
change to a different dialog  
identify New York as a city entity  
identify New York as a state entity  
respond with the weather in Seattle

Language Understanding Intent recogn...  
Custom events  
Dialog events  
Language Understanding Intent recognized  
OnA Intent recognized

Answer:

Answer Area

If a user asks "what is the weather like in New York", the bot will [answer choice]

The GetWeather dialog uses a [answer choice] trigger.

Microsoft

identify New York as a city entity  
change to a different dialog  
identify New York as a city entity  
identify New York as a state entity  
respond with the weather in Seattle

Language Understanding Intent recogn...  
Custom events  
Dialog events  
Language Understanding Intent recognized  
OnA Intent recognized

Explanation

Answer Area

If a user asks "what is the weather like in New York", the bot will [answer choice] identify New York as a city entity

The GetWeather dialog uses a [answer choice] trigger: Language Understanding Intent recogn...

### NEW QUESTION: 124

You are designing a conversational interface for an app that will be used to make vacation requests. The interface must gather the following data:

- \* The start date of a vacation
- \* The end date of a vacation
- \* The amount of required paid time off

The solution must minimize dialog complexity. Which type of dialog should you use?

- A. component
- B. waterfall
- C. adaptive
- D. Skill

Answer: A (LEAVE A REPLY)

### NEW QUESTION: 125

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area



Statements

Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**NEW QUESTION: 126**

You are developing the shopping on-the-go project.

You need to build the Adaptive Card for the chatbot.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
      if(language == 'en', 'en', name)
      name
      name.en
      name[language]
    }"
  },
  {
    "type": "TextBlock",
    "$when": "${stockLevel != 'OK'}"
    "$when": "${stockLevel == 'OK'}"
    "$when": "${stockLevel.OK}"
    color : Attention
  },
  {
    "type": "Image",
    "url": "${image.uri}",
    "size": "Medium",
    "altText": "${
      image.altText.en
      image.altText.language
      image.altText["language"]
      image.altText[language]
    }"
  }
]
}
```

Answer:

### Actions

- Use the ExportProject endpoint on acvdev.
- Use the GetProjects endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.
- Use the ExportIteration endpoint on acvdev.
- Use the GetIterations endpoint on acvdev.
- Use the UpdateProject endpoint on acvprod.

### Answer Area

- Use the GetProjects endpoint on acvdev.
- Use the ExportProject endpoint on acvdev.
- Use the ImportProject endpoint on acvprod.

### Explanation

Text Description automatically generated

```
version": "1.3",  
"body": [  
  {
```

```
    "type": "TextBlock",  
    "size": "Medium",  
    "weight": "Bolder",  
    "text": "${
```

if(language == 'en', 'en', name)
name
name.en
name[language]

```
  },  
  {
```

```
    "type": "TextBlock",  
    "$when": "${stockLevel != 'OK'}"  
    "$when": "${stockLevel == 'OK'}"  
    "$when": "${stockLevel OK}"
```

color : Attention

Text Description automatically generated

```

},
{
  "type": "Image",
  "url": "${image.uri}",
  "size": "Medium",
  "altText": "${
    image.altText.en
    image.altText.language
    image.altText["language"]
    image.altText[language]
  }"
}
]
}

```

Box 1: name.en

Box 2: "\$when": "\${stockLevel != 'OK'}"

Product displays must include images and warnings when stock levels are low or out of stock.

Box 3: image.altText.en

**NEW QUESTION: 127**

You are building a call handling system that will receive calls from French-speaking and German-speaking callers.

The system must perform the following tasks;

- \* Capture inbound voice messages as text.
- \* Replay messages in English on demand.

Which Azure Cognitive Services should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

To capture messages:

- Speaker Recognition
- Speech-to-text**
- Text-to-speech
- Translator

To replay messages:

- Speech-to-text only
- Speech-to-text and Language
- Speaker Recognition and Language
- Text-to-speech and Language
- Text-to-speech and Translator**

**Answer:**

Answer Area

To capture messages:

- Speaker Recognition
- Speech-to-text**
- Text-to-speech
- Translator

To replay messages:

- Speech-to-text only
- Speech-to-text and Language
- Speaker Recognition and Language
- Text-to-speech and Language
- Text-to-speech and Translator**

Explanation

**NEW QUESTION: 128**

You are developing a solution to generate a word cloud based on the reviews of a company's products. Which Text Analytics REST API endpoint should you use?

- A. keyPhrases
- B. sentiment
- C. languages
- D. entities/recognition/general

**Answer: A (LEAVE A REPLY)**

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/overview>

Topic 2, Wide World Importers

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview

Existing Environment

A company named Wide World Importers is developing an e-commerce platform.

You are working with a solutions architect to design and implement the features of the e-commerce platform. The platform will use microservices and a serverless environment built on Azure.

Wide World Importers has a customer base that includes English, Spanish, and Portuguese speakers.

Applications

Wide World Importers has an App Service plan that contains the web apps shown in the following table.

Name	Description
Product Management	An app used by employees to create and manage products. The app and the expected inputs from the employees are in English.
Inventory Tracking	An app used by employees to manage inventory when dispatching orders, receiving refunds, and receiving consignments from suppliers.

Azure Resources

You have the following resources:

An Azure Active Directory (Azure AD) tenant

The tenant supports internal authentication.

All employees belong to a group named AllUsers.

Senior managers belong to a group named LeadershipTeam.

An Azure Functions resource

A function app posts to Azure Event Grid when stock levels of a product change between OK, Low Stock, and Out of Stock. The function app uses the Azure Cosmos DB change feed.

An Azure Cosmos DB account

The account uses the Core (SQL) API.

The account stores data for the Product Management app and the Inventory Tracking app.

An Azure Storage account

The account contains blob containers for assets related to products.

The assets include images, videos, and PDFs.

An Azure Cognitive Services resource named wwics

A Video Indexer resource named wwivi

Requirements

Business Goals

Wide World Importers wants to leverage AI technologies to differentiate itself from its competitors.

Planned Changes

Wide World Importers plans to start the following projects:

A product creation project: Help employees create accessible and multilingual product entries, while expediting product entry creation.

A smart e-commerce project: Implement an Azure Cognitive Search solution to display products for customers to browse.

A shopping on-the-go project: Build a chatbot that can be integrated into smart speakers to support customers.

Business Requirements

Wide World Importers identifies the following business requirements for all the projects:

Provide a multilingual customer experience that supports English, Spanish, and Portuguese.

Whenever possible, scale based on transaction volumes to ensure consistent performance.

Minimize costs.

Governance and Security Requirements

Wide World Importers identifies the following governance and security requirements:

Data storage and processing must occur in datacenters located in the United States.

Azure Cognitive Services must be inaccessible directly from the internet.

Accessibility Requirements

Wide World Importers identifies the following accessibility requirements:

All images must have relevant alt text.

All videos must have transcripts that are associated to the video and included in product descriptions.

Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

Product Creation Requirements

Wide World Importers identifies the following requirements for improving the Product Management app:

Minimize how long it takes for employees to create products and add assets.

Remove the need for manual translations.

## Smart E-Commerce Requirements

Wide World Importers identifies the following requirements for the smart e-commerce project:

Ensure that the Cognitive Search solution meets a Service Level Agreement (SLA) of 99.9% availability for searches and index writes.

Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

Support autocompletion and autosuggestion based on all product name variants.

Store all raw insight data that was generated, so the data can be processed later.

Update the stock level field in the product index immediately upon changes.

Update the product index hourly.

## Shopping On-the-Go Requirements

Wide World Importers identifies the following requirements for the shopping on-the-go chatbot:

Answer common questions.

Support interactions in English, Spanish, and Portuguese.

Replace an existing FAQ process so that all Q&A is managed from a central location.

Provide all employees with the ability to edit Q&As. Only senior managers must be able to publish updates.

Support purchases by providing information about relevant products to customers. Product displays must include images and warnings when stock levels are low or out of stock.

## Product JSON Sample

You have the following JSON sample for a product.

```

{
  "sku": "b1",
  "name": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "stocklevel": "Out of Stock",
  "description": {
    "en": "Bicycle",
    "es": "Bicicleta",
    "pt": "Bicicleta"
  },
  "image":
  { "uri": "https://upload.worldwideimporters.org/bicycle.jpg",
    "alttext": {
      "en": "Bicycle",
      "es": "Bicicleta",
      "pt": "Bicicleta"
    }
  },
  "createdUtc": "2020-02-14T06:08:39Z",
  "language": "en"
}

```

**NEW QUESTION: 129**

Your company has a repotting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

- A. Online Analytical Processing (OLAP)
- B. Online Transaction Processing (OLTP)
- C. batch processing
- D. stream processing

**Answer: A** ([LEAVE A REPLY](#))

**NEW QUESTION: 130**

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.

You plan to create a new Azure Cognitive Search service named service1.

You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.  
Solution: You deploy service1 and a public endpoint, and you configure an IP firewall rule.

Does this meet the goal?

A. Yes

B. No

**Answer:** ([SHOW ANSWER](#))

Reference:

<https://docs.microsoft.com/en-us/azure/private-link/private-link-overview>

### NEW QUESTION: 131

You are building an AI solution that will use Sentiment Analysis results from surveys to calculate bonuses for customer service staff. You need to ensure that the solution meets the Microsoft responsible AI principles.

What should you do?

A. Use all the surveys, including surveys by customers who requested that their account be deleted and their data be removed.

B. Include the Sentiment Analysis results when surveys return a low confidence score.

C. Add a human review and approval step before making decisions that affect the staffs financial situation

D. Publish the raw survey data to a central location and provide the staff with access to the location.

**Answer:** C ([LEAVE A REPLY](#))

### NEW QUESTION: 132

You have a Computer Vision resource named contoso1 that is hosted in the West US Azure region.

You need to use contoso1 to make a different size of a product photo by using the smart cropping feature.

How should you complete the API URL? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /  
  
-o "sample.png" -H "Content-Type: application/json" /  
  
/vision/v3.1/  
?width=100&height=100&smartCropping=true" /  
  
-d "{\"url\": \"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```



**Answer:**

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /  
  
-o "sample.png" -H "Content-Type: application/json" /  
  
/vision/v3.1/  
?width=100&height=100&smartCropping=true" /  
  
-d "{\"url\": \"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```



Explanation

westus.api.cognitive.microsoft.com

generateThumbnail

<https://docs.microsoft.com/en-us/rest/api/computervision/3.1/generate-thumbnail/generate-thumbnail#examples>

POST

<https://westus.api.cognitive.microsoft.com/vision/v3.1/generateThumbnail?width=500&height=500&smartCropp>

Ocp-Apim-Subscription-Key: {API key}

### NEW QUESTION: 133

You are developing an application that will use the Computer Vision client library. The application has the following code.

```
public async TaskAnalyzeImage(ComputerVisionClient client, string localImage)
{
    List<VisualFeatureTypes> features = new List<VisualFeatureTypes>()
    {
        VisualFeatureTypes.Description,
        VisualFeatureTypes.Tags,
    };
    using (Stream imageStream = File.OpenRead(localImage))
    {
        try
        {
            ImageAnalysis results = await client.AnalyzeImageInStreamAsync(imageStream, features);

            foreach (var caption in results.Description.Captions)
            {
                Console.WriteLine($"{caption.Text} with confidence {caption.Confidence}");
            }

            foreach (var tag in results.Tags)
            {
                Console.WriteLine($"{tag.Name} {tag.Confidence}");
            }
        }
        catch (Exception ex)
        {
            Console.WriteLine(ex.Message);
        }
    }
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	The code will perform face recognition.	<input type="radio"/>	<input type="radio"/>
	The code will list tags and their associated confidence.	<input type="radio"/>	<input type="radio"/>
	The code will read a file from the local file system.	<input type="radio"/>	<input type="radio"/>

Answer:

## Answer Area

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input checked="" type="radio"/>
The code will list tags and their associated confidence.	<input checked="" type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

[https://docs.microsoft.com/en-](https://docs.microsoft.com/en-us/java/api/com.microsoft.azure.cognitiveservices.vision.computervision.computervision.analyzeimageinstreamasync)

[us/java/api/com.microsoft.azure.cognitiveservices.vision.computervision.computervision.analyzeimageinstreamasync](https://docs.microsoft.com/en-us/java/api/com.microsoft.azure.cognitiveservices.vision.computervision.computervision.analyzeimageinstreamasync)

### NEW QUESTION: 134

You are developing the knowledgebase by using Azure Cognitive Search.

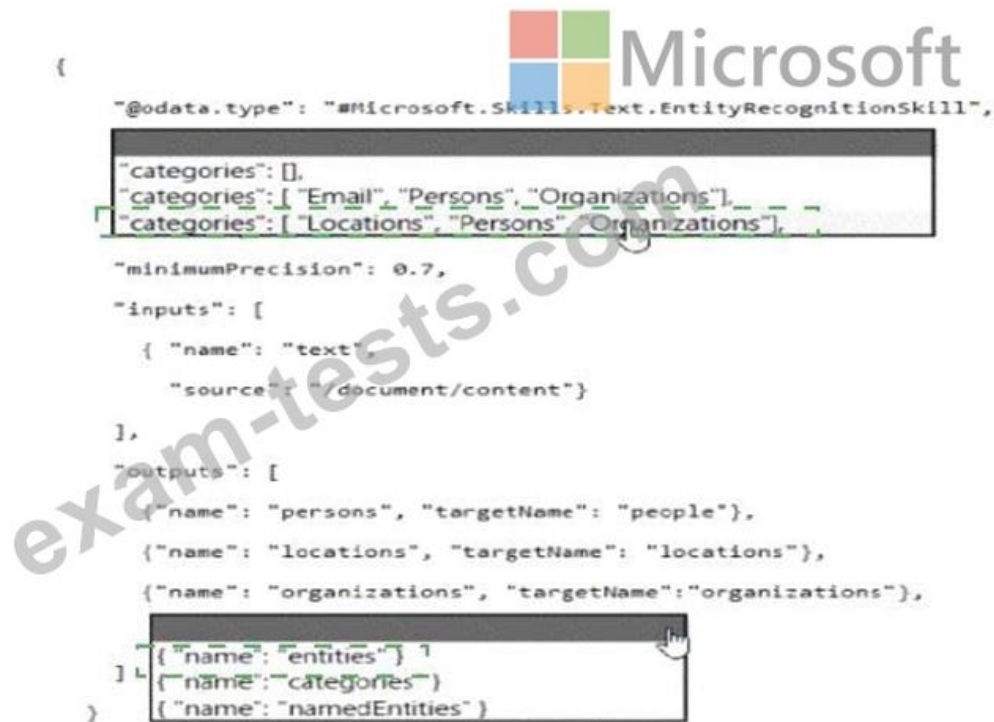
You need to build a skill that will be used by indexers.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
Microsoft  
"@odata.type": "#Microsoft.Skills.Text.EntityRecognitionSkill",  
"categories": [],  
"categories": [ "Email", "Persons", "Organizations" ],  
"categories": [ "Locations", "Persons", "Organizations" ],  
"minimumPrecision": 0.7,  
"inputs": [  
  { "name": "text",  
    "source": "document/content" }  
],  
"output": [  
  { "name": "persons", "targetName": "people" },  
  { "name": "locations", "targetName": "locations" },  
  { "name": "organizations", "targetName": "organizations" },  
  { "name": "entities" },  
  { "name": "categories" }  
],  
"name": "namedEntities" )
```

Answer:



```

{
  "@odata.type": "#Microsoft.Skills.Text.EntityRecognitionSkill",
  "categories": [],
  "categories": [ "Email", "Persons", "Organizations" ],
  "categories": [ "Locations", "Persons", "Organizations" ],
  "minimumPrecision": 0.7,
  "inputs": [
    { "name": "text",
      "source": "/document/content" }
  ],
  "outputs": [
    { "name": "persons", "targetName": "people" },
    { "name": "locations", "targetName": "locations" },
    { "name": "organizations", "targetName": "organizations" },
    { "name": "entities" },
    { "name": "categories" },
    { "name": "namedEntities" }
  ]
}

```

### Explanation

Box 1: "categories": ["Locations", "Persons", "Organizations"],

Locations, Persons, Organizations are in the outputs.

Scenario: Contoso plans to develop a searchable knowledgebase of all the intellectual property Note: The categories parameter is an array of categories that should be extracted. Possible category types:

"Person", "Location", "Organization", "Quantity", "Datetime", "URL", "Email". If no category is provided, all types are returned.

Box 2: {"name": "entities"}

The include wikis, so should include entities in the outputs.

Note: entities is an array of complex types that contains rich information about the entities extracted from text, with the following fields name (the actual entity name. This represents a "normalized" form) wikipediaId wikipediaLanguage wikipediaUrl (a link to Wikipedia page for the entity) etc.

Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-skill-entity-recognition>

### NEW QUESTION: 135

A customer uses Azure Cognitive Search.

The customer plans to enable a server-side encryption and use customer-managed keys (CMK) stored in Azure.

What are three implications of the planned change? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. The index size will increase.
- B. Query times will increase.
- C. A self-signed X.509 certificate is required.
- D. The index size will decrease.
- E. Query times will decrease.

F. Azure Key Vault is required.

**Answer: A,B,E (LEAVE A REPLY)**

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-security-overview>

### NEW QUESTION: 136

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input type="radio"/>
Normalizing a database reduces data redundancy.	<input type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input type="radio"/>	<input type="radio"/>



**Answer:**

Answer Area

Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input checked="" type="radio"/>
Normalizing a database reduces data redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input checked="" type="radio"/>	<input type="radio"/>



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### NEW QUESTION: 137

You are building a Language Understanding model for purchasing tickets.


You have the following utterance for an intent named PurchaseAndSendTickets.

Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com] You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.

Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels.

Each entity type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Entity Types	Answer Area
Email	
List	Paris:
Regex	email@domain.com:
GeographyV2	2 audit business: 
Machine learned	

Answer:

Entity Types	Answer Area
Email	
List	Paris: <b>GeographyV2</b>
Regex	email@domain.com: <b>Email</b>
GeographyV2	2 audit business: <b>Machine learned</b>
Machine learned	

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-geographyv2>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-email>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/reference-entity-machine-learned-entity>

### NEW QUESTION: 138

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Workload Types	Answer Area
Batch	
Streaming	
	Workload type: Data for a product catalog will be loaded every 12 hours to a data warehouse.
	Workload type: Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.
	Workload type: Updates to inventory data will be loaded to a data warehouse every 1 million transactions.

Answer:

Workload Types	Answer Area
Batch	
Streaming	
	<b>Batch</b> : Data for a product catalog will be loaded every 12 hours to a data warehouse.
	<b>Streaming</b> : Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.
	<b>Batch</b> : Updates to inventory data will be loaded to a data warehouse every 1 million transactions.

**NEW QUESTION: 139**

You are creating an enrichment pipeline that will use Azure Cognitive Search. The knowledge store contains unstructured JSON data and scanned PDF documents that contain text.

Which projection type should you use for each data type? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**



JSON data:  ▼

- File projection
- Object projection
- Table projection

Scanned data:  ▼

- File projection
- Object projection
- Table projection

Answer:

**Answer Area**



JSON data:  ▼

- File projection
- Object projection
- Table projection

Scanned data:  ▼

- File projection
- Object projection
- Table projection

Reference:

<https://docs.microsoft.com/en-us/azure/search/knowledge-store-projection-overview>

### NEW QUESTION: 140

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.

A conversational expert provides you with the following list of phrases to use for training.

Find contacts in London. Who do I know in Seattle?

Search for contacts in Ukraine.

You need to implement the phrase list in Language Understanding.

Solution: You create a new intent for location.

Does this meet the goal?

A. Yes

B. No

Answer: ([SHOW ANSWER](#))

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-intent>

### NEW QUESTION: 141

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named `get_text_to_be_translated`. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.

You need to develop code to translate the text to a single language.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
...
api_key = "FF956C6883821B38691ABD200A4C68"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httpLib.HTTPSConnection
conn.request("POST",
response = conn.getResponse()
conn.request("POST",
response = conn.getResponse()
response_data = response.r
...

```

Microsoft

exam-tests.com

(`"api.cognitive.microsofttranslator.com"`)  
(`"api-apc.cognitive.microsofttranslator.com"`)  
(`"api-nam.cognitive.microsofttranslator.com"`)

`"/translate?from=en"`  
`"/translate?suggestedFrom=en"`  
`"/translate?to=en"`  
`"/detect?to=en"`  
`"/detect?from=en"`

Answer:

Answer Area

```
...
api_key = "F056C88873822E38691A8D2084C69E"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = HttpLib.HTTPSConnection
conn.request("POST",
response = conn.getresponse()
    conn.request("POST",
response = conn.getrespons
response_data = response.r
...
, str(body), headers)
```



**NEW QUESTION: 142**

You are building a bot and that will use Language Understanding.

You have a LUDown file that contains the following content.

```
## Confirm
```

- confirm
- ok
- yes

```
## ExtractName
```

- call me steve !
- i am anna
- (i'm|i am) {@PersonName.Any}[.]
- my name is {@PersonName.Any}[.]

```
## Logout
```

- forget me
- log out

```
## SelectItem
```

- choose last
- choose the {@DirectionalReference=bottom left}
- choose {@DirectionalReference=top right}
- i like {@DirectionalReference=left} one

```
## SelectNone
```

- none

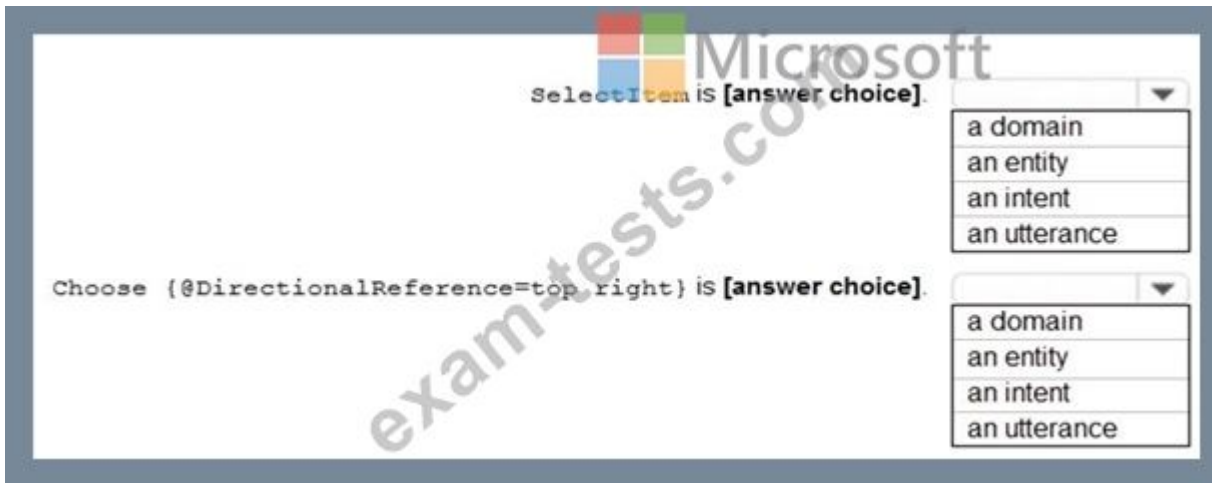
```
@ ml DirectionalReference
```

```
@ prebuilt personName
```

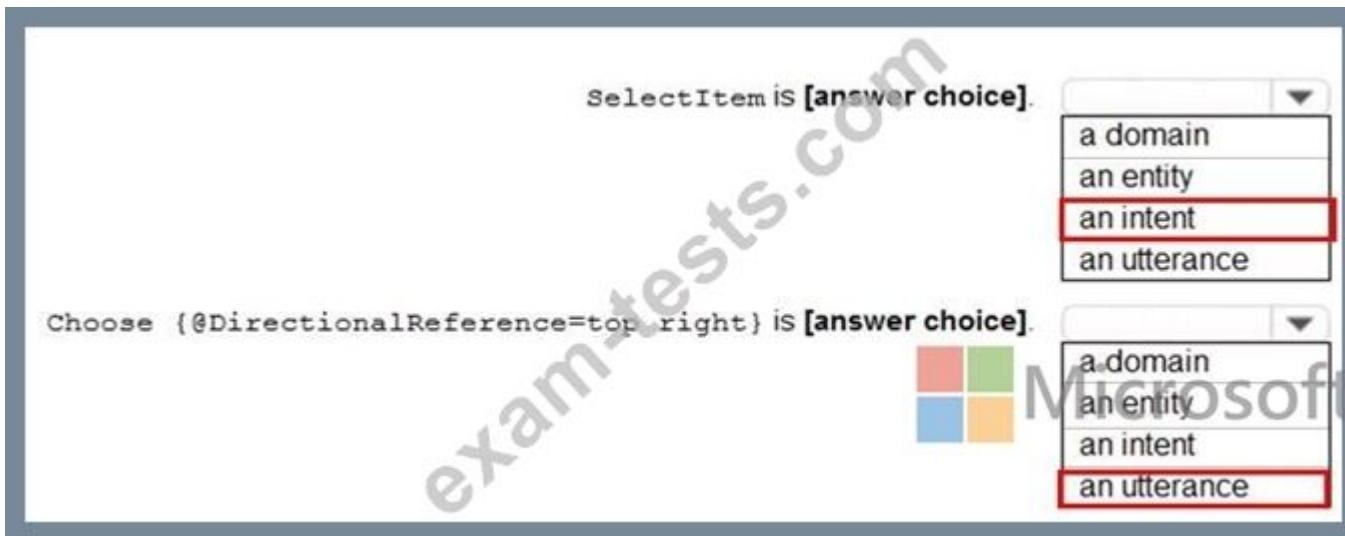


Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.



**Answer:**



Reference:

<https://github.com/solliancenet/tech-immersion-data-ai/blob/master/ai-exp1/README.md>

**NEW QUESTION: 143**

You build a QnA Maker resource to meet the chatbot requirements.

Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**



Management-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Consultant-Accountants

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

Agent-CustomerServices

- Owner
- Contributor
- Cognitive Services User
- Cognitive Services QnA Maker Read
- Cognitive Services QnA Maker Editor

**Answer:**

**Answer Area**

Management-Accountants	<ul style="list-style-type: none"> <li>Owner</li> <li>Contributor</li> <li>Cognitive Services User</li> <li>Cognitive Services QnA Maker Read</li> <li>Cognitive Services QnA Maker Editor</li> </ul>
Consultant-Accountants	<ul style="list-style-type: none"> <li>Owner</li> <li>Contributor</li> <li>Cognitive Services User</li> <li>Cognitive Services QnA Maker Read</li> <li>Cognitive Services QnA Maker Editor</li> </ul>
Agent-CustomerServices	<ul style="list-style-type: none"> <li>Owner</li> <li>Contributor</li> <li>Cognitive Services User</li> <li>Cognitive Services QnA Maker Read</li> <li>Cognitive Services QnA Maker Editor</li> </ul>

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/concepts/role-based-access-control>

**NEW QUESTION: 144**

You have a web app that uses Azure Cognitive Search.

When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.

You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

- Add a new query key.
- Regenerate the secondary admin key.
- Change the app to use the secondary admin key.
- Change the app to use the new key.
- Regenerate the primary admin key.
- Delete the compromised key.

**Answer Area**



**Answer:**

**Actions**

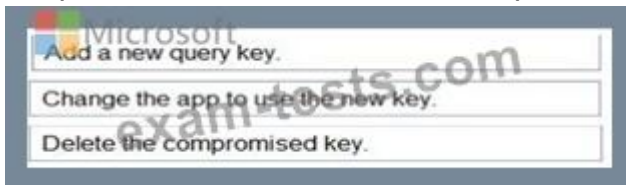
- Add a new query key.
- Regenerate the secondary admin key.
- Change the app to use the secondary admin key.
- Change the app to use the new key.
- Regenerate the primary admin key.
- Delete the compromised key.

**Answer Area**

- Add a new query key.
- Change the app to use the new key.
- Delete the compromised key.

**Explanation**

Graphical user interface, text Description automatically generated



**Reference:**

<https://docs.microsoft.com/en-us/azure/search/search-security-api-keys>

**NEW QUESTION: 145**

You use the Custom Vision service to build a classifier.

After training is complete, you need to evaluate the classifier.

Which two metrics are available for review? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. recall
- B. F-score
- C. weighted accuracy
- D. precision
- E. area under the curve (AUC)

**Answer:** ([SHOW ANSWER](#))

## Explanation

Custom Vision provides three metrics regarding the performance of your model: precision, recall, and AP.

Reference:

<https://www.tallan.com/blog/2020/05/19/azure-custom-vision/>

### NEW QUESTION: 146

You are building a chatbot that will use question answering in Azure Cognitive Service for Language.

You have a PDF named Docl.pdf that contains a product catalogue and a price list. You upload Docl.pdf and train the model.

During testing, users report that the chatbot responds correctly to the following question: "What is the price of product X?"

The chatbot fails to respond to the following question:

"How much does product X cost?"

You need to ensure that the chatbot responds correctly to both questions.

Solution: From Language Studio, you create an entity for cost, and then retrain and republish the model.

Does this meet the goal?

A. No

B. Yes

Answer: [\(SHOW ANSWER\)](#)

### NEW QUESTION: 147

You train a Custom Vision model used in a mobile app.

You receive 1,000 new images that do not have any associated data.

You need to use the images to retrain the model. The solution must minimize how long it takes to retrain the model.

Which three actions should you perform in the Custom Vision portal? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

The screenshot shows the Custom Vision portal interface. On the left, under the heading "Actions", there is a list of six actions in a scrollable container:

- Upload the images by category.
- Get suggested tags.
- Upload all the images.
- Group the images locally into category folders.
- Review the suggestions and confirm the tags.
- Tag the images manually.

On the right, there is an "Answer Area" with a 2x2 grid of colored boxes (red, green, blue, orange). Below the grid are four circular arrows: a left arrow, a right arrow, an up arrow, and a down arrow. A large "Microsoft" watermark is visible across the center of the interface.

Answer:

Answer Area
upload all the images
Get suggested tags
Review the suggestions and confirm the tags

- 1 - upload all the images
- 2 - Get suggested tags
- 3 - Review the suggestions and confirm the tags

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/custom-vision-service/suggested-tags>

### NEW QUESTION: 148

You are building a Language Understanding model for purchasing tickets.


You have the following utterance for an intent named PurchaseAndSendTickets.

Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com] You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.

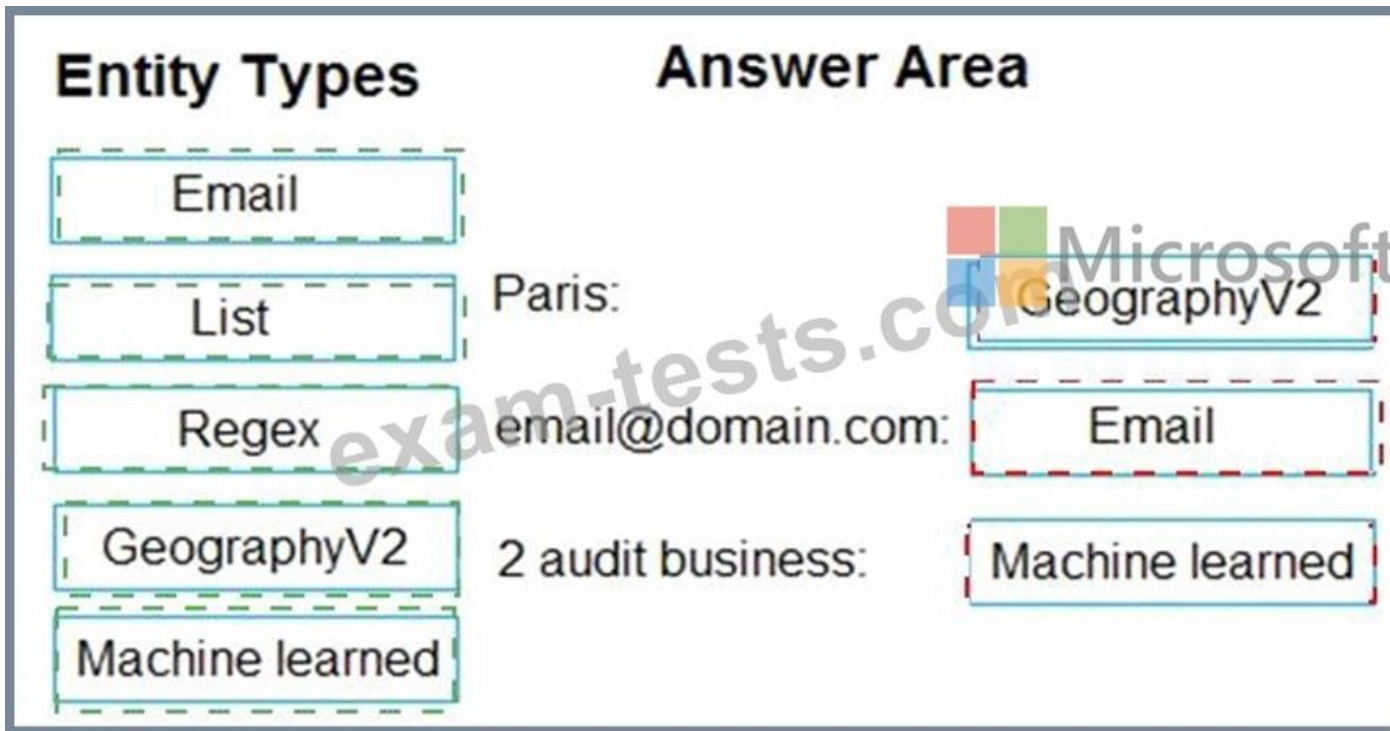
Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels.

Each entity type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Entity Types	Answer Area
 <span>Email</span>	
List	Paris: <input type="text"/>
Regex	email@domain.com: <input type="text"/>
GeographyV2	2 audit business: <input type="text"/>
Machine learned	

**Answer:**



#### Explanation

Graphical user interface, application Description automatically generated



#### Box 1: GeographyV2

The prebuilt geographyV2 entity detects places. Because this entity is already trained, you do not need to add example utterances containing GeographyV2 to the application intents.

#### Box 2: Email

Email prebuilt entity for a LUIS app: Email extraction includes the entire email address from an utterance. Because this entity is already trained, you do not need to add example utterances containing email to the application intents.

#### Box 3: Machine learned

The machine-learning entity is the preferred entity for building LUIS applications.

#### Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-geographyv2>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-email>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/reference-entity-machine-learned-entity>

**NEW QUESTION: 149**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input checked="" type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input checked="" type="radio"/>

**Explanation**

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input checked="" type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION: 150**

You plan to use a Language Understanding application named app1 that is deployed to a container.

App1 was developed by using a Language Understanding authoring resource named lu1.

App1 has the versions shown in the following table.

Version	Trained date	Published date
V1.2	None	None
V1.1	2020-10-01	None
V1.0	2020-09-01	2020-09-15

You need to create a container that uses the latest deployable version of app1.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

**Actions**

Microsoft

**Answer Area**

Run a container that has version set as an environment variable.

Export the model by using the Export as JSON option.

Select v1.1 of app1.

Run a container and mount the model file.

Select v1.0 of app1.

Export the model by using the Export for containers (GZIP) option.

Select v1.2 of app1.

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**Answer:**

Actions	Answer Area
Run a container that has version set as an environment variable.	Export the model by using the Export for containers (GZIP) option.
Export the model by using the Export as JSON option.	Select v1.1 of app1.
Select v1.1 of app1.	Run a container and mount the model file.
Run a container and mount the model file.	
Select v1.0 of app1.	
Export the model by using the Export for containers (GZIP) option.	
Select v1.2 of app1.	

Step 1: Export the model using the Export for containers (GZIP) option.

Export versioned app's package from LUIS portal

The versioned app's package is available from the Versions list page.

- \* Sign on to the LUIS portal.
- \* Select the app in the list.
- \* Select Manage in the app's navigation bar.
- \* Select Versions in the left navigation bar.
- \* Select the checkbox to the left of the version name in the list.
- \* Select the Export item from the contextual toolbar above the list.
- \* Select Export for container (GZIP).
- \* The package is downloaded from the browser.

Version name	Created	Last modified
0.1 (Active & Production)	5/3/18	9/6/18

Step 2: Select v1.1 of app1.

A trained or published app packaged as a mounted input to the container with its associated App ID.

Step 3: Run a container and mount the model file.

Run the container, with the required input mount and billing settings.

nce:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-container-howto>

**NEW QUESTION: 151**

You are building a chatbot that will provide information to users as shown in the following exhibit.

**Passengers**



Sarah Hum  
Jeremy Goldberg  
Evan Litvak

**2 Stops**

**Tue, May 30, 2017 10:25 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS

SFO  
AMS

**Non-Stop**

**Fri, Jun 2, 2017 11:55 PM**

San Francisco  
Amsterdam



San Francisco  
Amsterdam

SFO  
AMS


SFO  
AMS

Total

**\$4,032.54**

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

**Answer Area**  Microsoft


The chatbot is showing [answer choice].

- an Adaptive Card
- a Hero Card
- a Thumbnail Card

The card includes [answer choice].

- an action set
- an image
- an image group
- media

Answer:

**Answer Area**  Microsoft

The chatbot is showing [answer choice].

- an Adaptive Card
- a Hero Card
- a Thumbnail Card

The card includes [answer choice].

- an action set
- an image
- an image group
- media

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference>

<https://docs.microsoft.com/en-us/composer/how-to-send-cards?tabs=v1x>

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### NEW QUESTION: 152

You are reviewing the design of a chatbot. The chatbot includes a language generation file that contains the following fragment.

```
# Greet(user)
```

```
- ${Greeting()}, ${user.name}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
<code>\${user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input type="radio"/>
<code>Greet ()</code> is the name of the language generation template.	<input type="radio"/>	<input type="radio"/>
<code>\${Greeting () }</code> is a reference to a template in the language generation file.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
<code>\${user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input checked="" type="radio"/>
<code>Greet ()</code> is the name of the language generation template.	<input type="radio"/>	<input checked="" type="radio"/>
<code>\${Greeting () }</code> is a reference to a template in the language generation file.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

Box 1: No

Example: Greet a user whose name is stored in `user.name`

```
- ${ welcomeUser(user.name) }
```

Example: Greet a user whose name you don't know:

```
- ${ welcomeUser() }
```

Box 2: No

Greet(User) is a Send a response action.

Box 3: Yes

Reference:

<https://docs.microsoft.com/en-us/composer/how-to-ask-for-user-input>

### NEW QUESTION: 153

You develop an app in O named App1 that performs speech-to-speech translation.

You need to configure App1 to translate English to German.

How should you complete the `speechTransiationConf ig` object? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Values**

- addTargetLanguage
- speechSynthesisLanguage
- speechRecognitionLanguage
- voiceName

**Answer Area**

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);
translationConfig.  = "en-US";
translationConfig.  ("de");
```

**Answer:**

**Values**

- addTargetLanguage
- speechSynthesisLanguage
- speechRecognitionLanguage
- voiceName

**Answer Area**

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);
translationConfig.  = "en-US";
translationConfig.  ("de");
```

**Explanation**

**Values**

- addTargetLanguage
- speechSynthesisLanguage
- speechRecognitionLanguage
- voiceName

**Answer Area**

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);
translationConfig.  = "en-US";
translationConfig.  ("de");
```

**NEW QUESTION: 154**

You are developing a photo application that will find photos of a person based on a sample image by using the Face API.

You need to create a POST request to find the photos.

How should you complete the request? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Values**

- detect
- findsimilars
- group
- identify
- matchFace
- matchPerson
- verify

**Answer Area**

```
POST {Endpoint}/face/v1.0/ 
Request Body
{
  "faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
  "largeFaceListId": "sample_list",
  "largeFaceListId": "sample_list",
  "maxNumOfCandidatesReturned": 10,
  "mode": "
}
```

**Answer:**

Values	Answer Area
<input type="text" value="detect"/>	POST {Endpoint}/face/v1.0/ <input type="text" value="detect"/>
<input type="text" value="findsimilars"/>	Request Body
<input type="text" value="group"/>	{
<input type="text" value="identify"/>	"faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
<input type="text" value="matchFace"/>	"largeFaceListId": "sample_list",
<input type="text" value="matchPerson"/>	"largeFaceListId": "sample_list",
<input type="text" value="verify"/>	"maxNumOfCandidatesReturned": 10,
	"mode": " <input type="text" value="matchPerson"/>
	}

Explanation:

Box 1: detect

Face - Detect With Url: Detect human faces in an image, return face rectangles, and optionally with faceIds, landmarks, and attributes.

POST {Endpoint}/face/v1.0/detect

Box 2: matchPerson

Find similar has two working modes, "matchPerson" and "matchFace". "matchPerson" is the default mode that it tries to find faces of the same person as possible by using internal same-person thresholds. It is useful to find a known person's other photos. Note that an empty list will be returned if no faces pass the internal thresholds.

"matchFace" mode ignores same-person thresholds and returns ranked similar faces anyway, even the similarity is low. It can be used in the cases like searching celebrity-looking faces.

Reference:

<https://docs.microsoft.com/en-us/rest/api/faceapi/face/detectwithurl>

<https://docs.microsoft.com/en-us/rest/api/faceapi/face/findsimilar>

### NEW QUESTION: 155

You are developing the shopping on-the-go project.

You are configuring access to the QnA Maker resources.

Which role should you assign to AllUsers and LeadershipTeam? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

AllUsers:  ▼

- Cognitive Service User
- Contributor
- Owner
- QnA Maker Editor
- QnA Maker Read

LeadershipTeam:  ▼

- Cognitive Service User
- Contributor
- Owner
- QnA Maker Editor
- QnA Maker Read



Answer:

Answer Area

AllUsers:  ▼

- Cognitive Service User
- Contributor
- Owner
- QnA Maker Editor
- QnA Maker Read

LeadershipTeam:  ▼

- Cognitive Service User
- Contributor
- Owner
- QnA Maker Editor
- QnA Maker Read

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/reference-role-based-access-control>

### NEW QUESTION: 156

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named `get_text_to_be_translated`. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography. You need to develop code to translate the text to a single language. How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

```

...
api_key = "FF956C68883821B38691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httplib.HTTPSConnection
conn.request("POST",
response = conn.getresponse()
    conn.request("POST",
        response = conn.getrespons
        response_data = response.r

```

Options for `conn.request("POST",`:

- ("api.cognitive.microsofttranslator.com")
- ("api-apc.cognitive.microsofttranslator.com")
- ("api-nam.cognitive.microsofttranslator.com")

Options for `conn.request("POST",` (URI):

- "/translate?from=en"
- "/translate?suggestedFrom=en"
- "/translate?to=en"
- "/detect?to=en"
- "/detect?from=en"

**Answer:**

```

...
api_key = "FF956C68883821B38691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
}
body = {
    'Text': text
}
conn = httplib.HTTPSConnection
conn.request("POST",
response = conn.getresponse()
    conn.request("POST",
        response = conn.getrespons
        response_data = response.r

```

Options for `conn.request("POST",` (URI):

- ("api.cognitive.microsofttranslator.com")
- ("api-apc.cognitive.microsofttranslator.com")
- ("api-nam.cognitive.microsofttranslator.com")


Options for `conn.request("POST",` (URI):

- "/translate?from=en"
- "/translate?suggestedFrom=en"
- "/translate?to=en"
- "/detect?to=en"
- "/detect?from=en"

**NEW QUESTION: 157**


You are planning the product creation project. You need to build the REST endpoint to create the multilingual product descriptions. How should you complete the URI? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

▼	▼	?api-version=3.0&to=es&to=pt
api.cognitive.microsofttranslator.com	/detect	
api-nam.cognitive.microsofttranslator.com	/languages	
westus.tts.speech.microsoft.com	/text-to-speech	
wwics.cognitiveservices.azure.com/translator	/translate	

**Answer:**

**Answer Area**

▼	▼	?api-version=3.0&to=es&to=pt
api.cognitive.microsofttranslator.com	/detect	
api-nam.cognitive.microsofttranslator.com	/languages	
westus.tts.speech.microsoft.com	/text-to-speech	
wwics.cognitiveservices.azure.com/translator	/translate	

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0-translate>

**NEW QUESTION: 158**

You are designing a conversation flow to be used in a chatbot.

You need to test the conversation flow by using the Microsoft Bot Framework Emulator.

How should you complete the .chat file? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
user=User1
bot=watchbot
user: I want a new watch.
```

```
bot: [  ] [Delay=3000]
Attachment
ConversationUpdate
Typing
```

```
bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:
```

```
[AttachmentLayout=  ]
adaptivecard
carousel
thumbnail
```

```
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
```

```
user: I like the first one.
```

```
bot: Sure, pulling up more information.
```

```
bot: [Attachment=cards\watchProfileCard.json
```

```
user: That's nice! Thank you.
```

```
bot: Sure, you are most welcome!
```

```
 ]
adaptivecard
carousel
list
```

Answer:

```
user=User1
bot=watchbot
user: I want a new watch.
bot: [  ] [Delay=3000]
```

Attachment
ConversationUpdate
Typing

```
bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:
```



```
[AttachmentLayout=  ]
```

adaptivecard
carousel
thumbnail

```
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
```

```
user: I like the first one.
bot: Sure, pulling up more information.
bot: [Attachment=cards\watchProfileCard.json]
```

adaptivecard
carousel
list

```
user: That's nice! Thank you.
bot: Sure, you are most welcome!
```

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-add-media-attachments?view=azure-bot-service-4.0&tabs=csharp>

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